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VINCENT S. OLESZKIEWICZ
(312) 861-3737

June 8, 2001

BY MESSENGER

Ms. Mary Fulghum
U.S. EPA
Region 5
77 West Jackson Boulevard
Chicago, IL 60604-3590

EPA Region 5 Records Ctr.



383777

Re: Request for Information Pursuant to Section 104 of CERCLA for Lindsay Light Building, 161 East Grand Avenue, Chicago, IL

Dear Mary:

Enclosed please find the Response of River East/MCL Companies to U.S. EPA's Request for Information pursuant to Section 104 of CERCLA for Lindsay Light Building, 161 East Grand Avenue, Chicago, Illinois, dated April 30, 2001. I appreciate your agreement to an extension of time to file this Response from June 4, 2001, to today, June 8, 2001.

Please call me with any questions.

Sincerely,

Vincent S. Oleszkiewicz

VSO/sjn

Enclosures

cc: Mr. Kevin Augustyn

MCL

C O M P A N I E S

June 6, 2001

Mr. Richard C. Carl, Chief Response Branch
United States Environmental Protection Agency
Region V
77 West Jackson Boulevard
Chicago, Illinois 60604-3590

Re: Request for Information Pursuant to Section 104 of CERCLA
for Lindsay Light Building, 161 East Grand Avenue, Chicago, IL

Dear Mr. Carl:

This letter responds to your letter dated April 30, 2001, seeking information related to property located at 161 East Grand Avenue, Chicago, Illinois ("161 Building").

Preliminary Statement

This response is given without prejudice to Respondent's right to produce evidence of any subsequently discovered facts, documents or interpretations thereof or to modify, change or amend this response. The information set forth in this response is true and correct to the best knowledge of Respondent as of this date and is subject to correction for errors, mistakes or omissions. A reference contained in a specific response incorporates both the information and the objections set forth in the referenced response. Production of any document or information does not waive any objection to the admission of such document or information into evidence. All responses are made without waiving or being estopped to challenge EPA's allegations regarding Respondent's involvement at the site.

General Objections to Requests for Information

Respondent makes the following general objections, which are incorporated into each and every response to this Information Request: Respondent objects to the Information Request to the extent that it calls for the production of any document or information protected from disclosure by the attorney-client privilege, the attorney work product doctrine, that was prepared in anticipation of litigation or for trial, or that is otherwise immune from discovery. In addition, Respondent objects that it is not, and never was, an owner or operator of the 161 Building. Accordingly, the Information Requests are unduly burdensome, and much of the information requested is not within the possession of the Respondent.

CHIDOC02:411481.1

1. Identify all persons consulted in the preparation of the answers to these Information Requests.

Response to Request for Information No. 1:

Respondent objects to Request for Information No. 1 to the extent that the request seeks information protected by the attorney-client privilege. Notwithstanding the foregoing general and specific objection, Respondent states that Kevin Augustyn of MCL Companies was consulted in the preparation of these responses, along with consultation with counsel for MCL.

2. Identify all documents consulted, examined, or referred to in the preparation of the answers to these Requests, and provide copies of all such documents.

Response to Request for Information No. 2:

Respondent objects to Request for Information No. 2 to the extent that it seeks materials protected by the attorney-work product doctrine. Without waiving the foregoing general and specific objection, Respondent states the records of MCL, maintain in the normal course of business, were examined in preparation of these answers, as well as information maintained by counsel for MCL.

3. If you have reason to believe that there may be persons able to provide a more detailed or complete response to any Information Request or who may be able to provide additional information or responsive documents, identify such persons, including past employees of Lindsay Light.

Response to Request for Information No. 3:

Respondent objects to Request for Information No. 3 to the extent that it seeks information protected by the attorney-client privilege. Respondent further objects to Request for Information No. 3 to the extent that it request information related to persons who are not employed by, or otherwise under the control of, the Respondent. Without waiving the foregoing general and specific objections, Respondent states "None."

4. Identify all persons having knowledge or information about the generation, transportation, treatment, disposal, or other handling of radioactive hazardous substances by you, your contractors, or by prior owners and/operators.

Response to Request for Information No. 4:

Respondent objects to Request for Information No. 4 to the extent that it seeks information unrelated to the release or threat of release of radioactive hazardous substances, pollutants, or contaminants at, to, or from the 161 Building and does not specify a time frame. Respondent further objects to Request for Information No. 4 to the extent that it seeks information protected by the attorney-client privilege or the attorney work product doctrine. Without waiving the foregoing general and specific objections, and limiting this answer to the 161 Building, Respondent states "None."

5. Please provide all known historical information regarding the construction of the 161 Building, including copies of all maps and drawings in your possession.

Response to Request for Information No. 5:

Respondent objects to Request for Information No. 5 on the grounds that it is not a past or present owner or operator of the 161 Building. Without waiving the foregoing general and specific objections, please see the attached documents.

6. Please provide all known historical information about the handling of radioactive hazardous substances, pollutants, or contaminants at the 161 Building including information about the processes used, location of various aspects of the processes within the building, correspondence, minutes, ads, and pictures, etc. relating to activities within the 161 Building.

Response to Request for Information No. 6:

Respondent objects to Request for Information No. 6 on the grounds that it is not a past or present owner or operator of the 161 Building, and, therefore, has not handled or caused to be handled hazardous substances, pollutants, or contaminants at the 161 Building. Without waiving the foregoing general and specific objections, please see the attached documents.

7. Please provide information regarding any removal or abatement work performed in or around the 161 Building, including but not limited to the chimney, chimney base, or chimney cap that involved radioactive hazardous substances, pollutants, or contaminants. In addition, please identify the location where any radioactive hazardous substances, materials, pollutants or contaminants were disposed.

Response to Request for Information No. 7:

Respondent objects to Request for Information No. 7 on the grounds that it has not performed any removal or abatement work in or around the 161 Building. Without waiving the foregoing general and specific objections, please see the attached documents.

8. Please provide the name, address, telephone number, and project manager's name of any person and/or contractor(s) that performed any surveys, removals, or abatement work in or around the 161 Building. In particular, please include information about any contractor(s) which performed work involving radioactive hazardous substances, pollutants, or contaminants.

Response to Request for Information No. 8:

Respondent objects to Request for Information No. 8 on the grounds that it has not performed or caused to be performed any surveys, removals, or abatement work in or around the 161 Building. Without waiving the foregoing general and specific objections, please see the attached documents.

9. Describe in detail all removal/abatement work performed in or around the 161 Building with regard to any work involving radioactive hazardous substances, pollutants, or contaminants, including but not limited to data, tests, analyses, analytical results, Work Plans, Health and Safety Plans, environmental assessments, surveys, and any other information and reports regarding the presence, location, management, and disposal of radioactive hazardous materials, substance, pollutants or contaminants.

Response to Request for Information No. 9:

Respondent objects to Request for Information No. 9 on the grounds that it has not performed, or caused to have been performed, any removal/abatement work in or around the 161 Building. Without waiving the foregoing general and specific objections, please see the attached documents.

10. Please provide copies of any radiation surveys performed on or in the 161 Building and/or on its land. In addition, please describe in detail where the measurements were taken, the results of the measurements, whether any recommendations were made as a result of the measurements, and when and to whom recommendations were made.

Response to Request for Information No. 10:

Respondent objects to Request for Information No. 10 on the grounds that it has not performed, or caused to be performed, any radiation surveys on or in the 161 Building and/or on its land. Without waiving the foregoing general and specific objections, please see the attached documents.

11. Please describe in detail your relationship with the other recipients of this Request for Information letter prior to any sale or exchange of ownership interest of the 161 Building.

Response to Request for Information No. 11:

Respondent objects to Request for Information No. 11 on the grounds that the phrase "prior to any sale or exchange of ownership interest of the 161 Building" is vague and ambiguous. Respondent further objects to Request for Information No. 11 on the grounds that the term "your relationship" is vague and ambiguous. Without waiving the foregoing general and specific objections, Respondent states "None."

12. Please describe in detail your knowledge of the condition of the 161 Building prior to any sale or exchange of ownership interest and the basis for your knowledge.

Response to Request for Information No. 12:

Respondent objects to Request for Information No. 12 on the grounds that the phrase "prior to any sale or exchange of ownership interest" is vague and ambiguous. Without waiving the foregoing general and specific objections, Respondent states "None."

13. Please describe in detail any dealings you have, or may have had with the other recipients of this Request for Information letter with respect to removal, transportation, or disposal of radioactive wastes, materials, substances, pollutants, or contaminants.

Response to Request for Information No. 13:

Respondent objects to Request for Information No. 13 to the extent that it seeks information protected by the attorney-client privilege and/or the attorney work product doctrine. Respondent further objects to Request for Information No. 13 to the extent it seeks information not related to the release or threat of release of radioactive hazardous substances, pollutants, or contaminants, at, to, or from the 161 Building. Respondent further objects on the grounds that the phrase "any dealings you have, or may have had with the other recipients of this Request for Information letter" is vague and ambiguous. Without waiving the foregoing general and specific objections, and limiting this answer to the 161 Building, Respondent states "None."

14. Provide information about the Site, including any and all additions, demolitions, or changes of any kind on, under, or about the Site, to its physical structures, including but not limited to chimney, chimney base or chimney cap, or to the property itself (e.g., excavation work) since at least 1979 and any planned additions, demolitions, or other changes to the Site.

Response to Request for Information No. 14:

Respondent objects to Request for Information No. 14 on the grounds that the term "Site" is not defined and is, therefore, vague and ambiguous. Accordingly, Respondent limits its answer to the 161 Building. Respondent further objects that it has not performed, or caused to be performed, any additions, demolitions, or changes of any kind on, under, or about the 161 Building, to its physical structures, including but not limited to chimney, chimney base or chimney cap, or to the property itself. Without waiving the foregoing general and specific objections, and limiting this answer to the 161 Building, Respondent states "None."

15. If you performed radiation contamination removal or control actions at the 161 Building, please describe in detail what you were contracted to perform and by whom; when you were contracted to perform the work; the actual date you entered into the contract; what work was actually performed; the start date of the work; how long the work took; who disposed of the radioactive substances, pollutants, or contaminants removed; where the radioactive substances, pollutants, or contaminants were disposed; when the radioactive substances, pollutants, or contaminants were disposed; and the amount of waste by activity of each radionuclide and by total weight or volume of material involved.

Response to Request for Information No. 15:

Respondent states "Not Applicable."

16. Are you or your consultants planning to perform any investigations of the soil, water (ground or surface), geology, hydrology, or air quality on or about the Site, including surrounding sidewalks, alleys, etc.? If so, identify:

- a) What the nature and scope of these investigations will be;
- b) The contractors or other persons that will undertake these investigations;
- c) The dates when such investigations will take place and be completed; and
- d) Where on the Site such investigations will take place.

Response to Request for Information No. 16:

Respondent objects to Request for Information No. 16 on the grounds that the term "Site" is undefined, and is, therefore, vague and ambiguous. Without waiving the foregoing general and specific objections, and limiting this answer to the 161 Building, Respondent states "No."

17. Identify all leaks, spills, or releases into the environment of any radioactive hazardous substances, pollutants, or contaminants that have occurred at or from the Site from 1900 to the present. In addition, identify:

- a) When such releases occurred;
- b) How the releases occurred;
- c) The amount of each radioactive hazardous substance, pollutant, or contaminant so released, and the amount of waste by activity of each radionuclide and by total weight or volume of material involved;
- d) Where such releases occurred;
- e) Any and all activities undertaken in response to each such release or threatened release, including the notification of any agencies or governmental units about the release;
- f) Where the contaminated materials as a result of the release were ultimately disposed;
- g) Any and all investigations of the circumstances, nature, extent or location of each release or threatened release including, the results of any soil, water (ground and surface), or air testing undertaken; and
- g)[sic] All person with information relating to these releases, including any former directors or employees of Lindsay Light.

Response to Request for Information No. 17:

Respondent objects to Request for Information No. 17 on the grounds that the term "Site" is undefined, and is, therefore, vague and ambiguous. Respondent further objects that the term "environment" is vague and ambiguous in the context of Request for Information No. 17. Respondent objects to Request for Information No. 17 to the extent it seeks information protected by the attorney-client privilege or the attorney work product doctrine. Without waiving the foregoing general and specific objections, and limiting this answer to the 161 Building, Respondent states "None."

18. Identify all persons with knowledge, information, or documents responsive to question 1.-17., above.

Response to Request for Information No. 18:

Respondent objects to Request for Information No. 18 to the extent that it seeks to require Respondent to investigate the knowledge of persons not under its control.

19. Provide copies of all documents containing information responsive to question 1.-17., above, or in lieu of copies of all relevant documents, provide identification and location of all such documents.

Response to Request for Information No. 19:

Without waiving the foregoing general and specific objections as set forth in Responses to Request for Information Nos. 1.-17., please see Responses to Request for Information Nos. 1.-17., as set forth above.

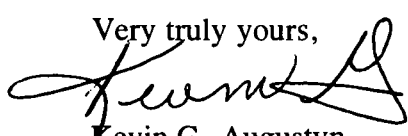
20. Identify the acts or omissions of any persons, other than your employees, contractors, or agents, that may have caused the release or threat of release of radioactive hazardous substances, pollutants, or contaminants, and damages resulting therefrom from 1900 to the present time.

Response to Request for Information No. 20:

Respondent objects to Request for Information No. 20 to the extent that it seeks information protected by the attorney-client privilege and/or the attorney work product doctrine. Respondent further objects to Request for Information No. 20 to the extent that it seeks to require Respondent to investigate the knowledge of persons not under its control. Without waiving the foregoing general and specific objections, and limiting its answer to the 161 Building, Respondent states "None."

Should you have any questions regarding the foregoing, please direct them to Baker & McKenzie.

Very truly yours,


Kevin G. Augustyn
Chief Financial Officer

161 E. GRAND

CHICAGO, ILLINOIS

3-148

DECONTAMINATION ACTIVITIES

AT

LINDSAY LIGHT BUILDING
161 E. Grand Avenue
Chicago, Illinois

By Radiation Safety Services

INTRODUCTION

The 161 E. Grand Avenue Building housed the Lindsay Light Company from about 1910 to the mid-1930's. The company first imported and then manufactured incandescent gas light mantles employing natural thorium compounds and incidental to its operations deposited thorium materials on surfaces, particularly floors, of the building.

The United States Environmental Protection Agency (EPA) reported on the results of several surveys performed at 161 E. Grand Avenue and recommended that, although there is no statutory requirement, the building be decontaminated where practicable. This recommendation was made to reduce the dose from radiation exposure to members of the general public who work in or frequent the building.

The building management chose Radiation Safety Services, Inc., to evaluate and, where appropriate, attempt to decontaminate the more heavily contaminated floors in the building. This was to be accomplished by removal of contaminated floor surfaces followed by replacement of the floors with new material. The work took place during the month of August, 1981.

Technical Approach.

The building management and Radiation Safety Services identified areas where the gamma dose rate at 1 meter above the floor was 100 microrads per hour or greater. These areas were candidates for decontamination.

The first step for most of the areas was the removal of the existing floor coverings, exposing the oak floors. These floors were surveyed and were frequently found to contain significant surface alpha contamination. The building engineer supplied laborers and tools with which the surface layer of the flooring could be removed.

When contamination was found to extend to a greater depth in the oak flooring, the floor boards were cut and removed. Frequently, the subfloor, which was the original plank flooring in the building, was found to be badly contaminated indicating the oak flooring had been installed subsequent to the initiation of Lindsay Light operations. Since the planking was structural, the decision was made to attempt to chisel out contamination to a depth of 1/2 inch. It was felt that removal of more material might compromise the structural integrity of the floors.

Where contamination did not appear to extend to a great depth into the floor the floors were power sanded. The dust from sanding operations was controlled by the use of plastic

sheets. Personnel respiratory protection and hearing protection was supplied to the building laborers.

The operations were terminated at the request of an owner-tenant. And the areas in which work had been performed were resurveyed. The survey reports are in Appendix A.

Results and Recommendations

Areas on the basement, second and fourth floor levels were decontaminated. The areas for decontamination were selected by the building management and decontamination was interrupted at the request of the owner-tenant. The areas decontaminated represent the most significant contamination for areas which are generally occupied and doses were significantly reduced or eliminated at a height of 1 meter from the floor.

The basement pump room, which is immediately north of the boiler room, had a hot spot due to contaminated material used as fill around a pipe. The contaminated material was removed and the created void was filled with concrete. This reduced the external gamma dose from 225 microrads per hour at contact with the floor to 60 microrads per hour at contact and 50 microrads per hour at 1 meter.

The highest readings in the building were found in the basement in Room 8 which was not decontaminated since this is an area which is not occupied. If this area is to be occupied in the future, decontamination is strongly recommended and would be mandated by State law.

The EPA reported dose rates of 800 microrads per hour at 1 meter from the floor in the vicinity of the secretary's desk in Room 202. The floor covering and oak flooring were removed and the planking chiseled to a depth of 1/2 inch reducing the dose rate in the vicinity of the secretary's desk to 250 microrads per hour at 1 meter from the floor.

We recommend that where possible the planking be sealed with bituminous material to retard radon escape and that a 1/2 inch plate of lead be installed prior to replacement of the floor and floor covering. This should further reduce the dose rate by approximately a factor of 2.

The conference room in 202 received treatment similar to the floor adjacent to the secretary's desk. This reduced the dose rate at 1 meter from the floor from the EPA reported maximum of 155 microrads per hour to a maximum of 90 microrads per hour.

We recommend that the floor be sealed with bituminous material to retard radon escape prior to the replacement of the floor and floor covering material.

On the fourth floor Streeterville post-production room the thin concrete floor was broken up, the oak flooring removed, and the planking chiseled and sanded. This reduced the dose rate from the 300 microrads per hour reported by the EPA to 150 microrads per hour at 1 meter from the floor.

We recommend that the floor be sealed with bituminous material to retard the release of radon from this floor.

Although decontamination was terminated before completion, the most important occupied areas demonstrated a significant dose reduction consistent with the decontamination effort. Changing space utilization, particularly in the basement, may dictate further decontaminations to the levels recommended by the EPA. It is recognized that there is a very serious trade-off between reductions in already low doses and the expense of decontamination.

SURVEY REPORT

BUILDING: 161 E Grand ROOM: Basement - Pump Room DATE: 9-8-81 BY: BH

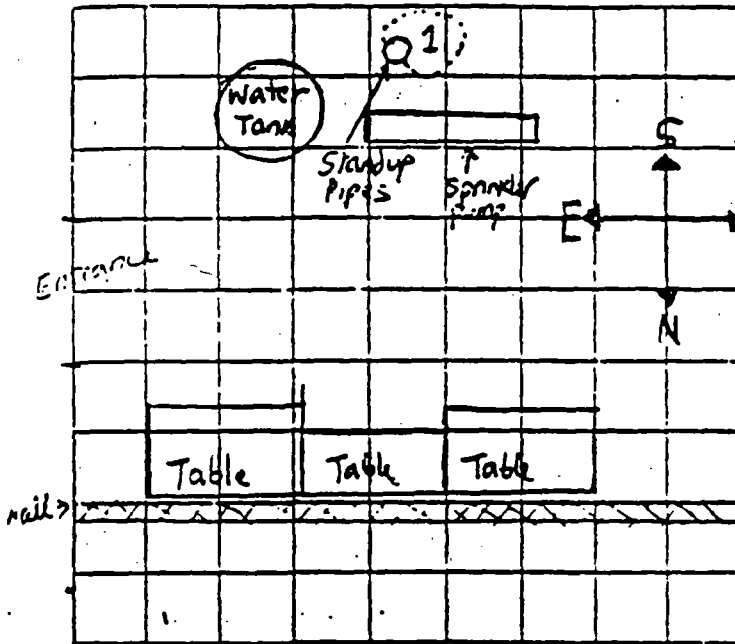
Routine ☐

Spot Check ☐

Special ☒

Equipment ☐

Survey Instrument Eberline E-500B, HP-270 Source of Ionizing Radiation _____



TYPE	FORM	ACTIVITY
Thorium Nat		

Ventilation: _____

Comments: _____

SURVEY FINDINGS

AREA	(uR/hr) Contact	(uR/hr) 1 meter above floor
1 - around standup pipe	60	50

Background _____

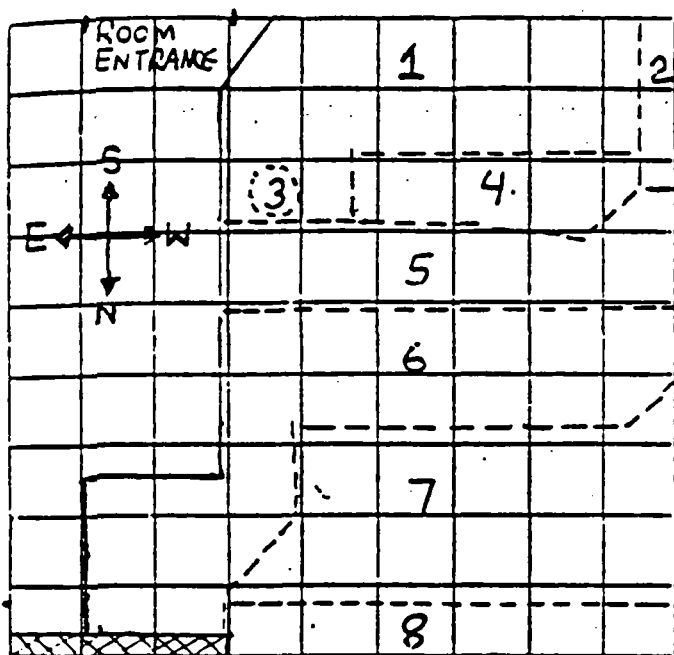
RECOMMENDATIONS: _____

SURVEY REPORT

BUILDING: 161 E. Grand ROOM: 202 Conference Room DATE: 9-8-81 BY: BH

Routine ☐ Spot Check ☐ Special ☒ Equipment ☐

Survey Instrument Eberline E-500B, HP-270 Source of Ionizing Radiation _____



TYPE	FORM	ACTIVITY
Thorium Nat.		

Ventilation: _____

Comments: All reported exposure rates represent the highest readings observed.

SURVEY FINDINGS

AREA	(uR/hr) CONTACT	(uR/hr) 1 METER ABOVE FLOOR
1	80	—
2	550	—
3	250	—
4	150	90
5	100	70
6	80	60
7	200	—
8	500	—

Background _____

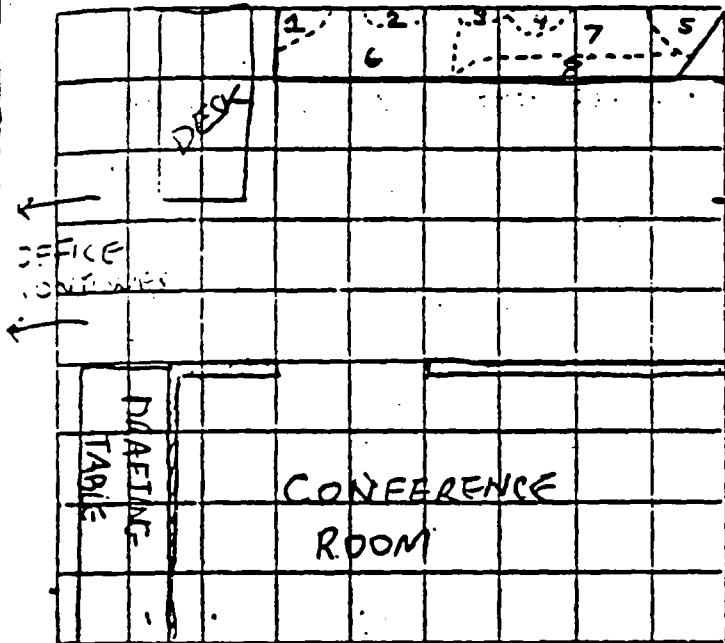
RECOMMENDATIONS: _____

SURVEY REPORT

BUILDING: 161 E. Grand ROOM: 202 DATE: 9-8-81 BY: BH

Routine ☐ Spot Check ☐ Special ☒ Equipment ☐

Survey Instrument Eberline E-500B, HP-270 Source of Ionizing Radiation



TYPE	FORM	ACTIVITY
Thorium Nat		

Ventilation: _____

Comments: _____

SURVEY FINDINGS

AREA	(uR/hr) CONTACT	(uR/hr) 1 METER ABOVE FLOOR
1	600	—
2	900	—
3	800	—
4	400	—
5	400	—
6	500	250
7	300	200
8	200	—

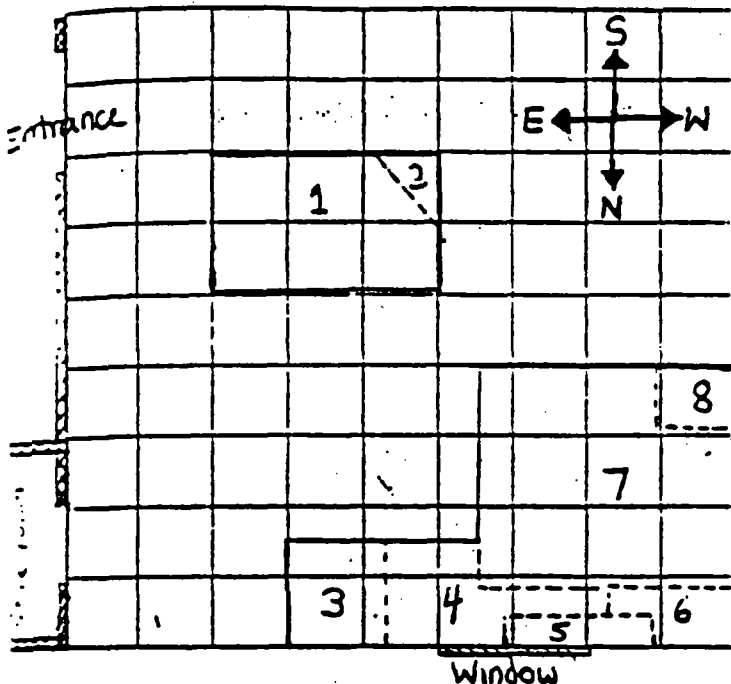
Background

RECOMMENDATIONS: _____

SURVEY REPORT

BUILDING: 161 E. Grand ROOM: 4th FL. ^{Streetsville Post-Production Bldg} DATE: 9-8-81 BY: B.H.
 Routine ☐ Spot Check ☐ Special ☒ Equipment ☐

Survey Instrument Eberline E-5003, HP-270 Source of Ionizing Radiation _____



TYPE	FORM	ACTIVITY
Thorium Nat.		

Ventilation: _____

Comments: All reported readings are the highest readings

SURVEY FINDINGS

AREA	(uR/m) CONTACT	(uR/m) 1 METER ABOVE FLOOR	
1	80	60	
2	90	—	
3	70	40	
4	100	—	
5	700	150	
6	140	—	
7	80	80	
8	120	—	

Background _____

RECOMMENDATIONS: _____

DATE 1/21/81
C00CF017

LABORATORY INPUT SHEET FOR RADIOLOGICAL
SAMPLES

MICROFILM ----

PAGE 4

TRAN CODE 45

SAMPLE KEY 8030845059 SAMPLE DATES 11/24/80

PROGRAM CODE FLM 11/24/80

FACILITY ID LINDSAY LIGHT BLDG 161 E GRAND CHICAGO WIPE #1

REGION 2B SAMPLE TYPE WIPE

COLLECTOR ID 646 ANALYSIS DATES 1/ 5/81

1/ 7/81

	PARAMETER ID	R E S U L T		
GROSS ALPHA	4110	.22826881E -6	+-	.19253326E -6 UCI/W
GROSS BETA	4120	LESS THAN		.49125403E -6 UCI/W

DATE 1/21/81
C00CE017

LABORATORY INPUT SHEET FOR RADIOLOGICAL
SAMPLES

MICROFILM ----

PAGE 5

TRAN CODE 45

SAMPLE KEY 8030845067 SAMPLE DATES 11/24/80

PROGRAM CODE FLM 11/24/80

FACILITY ID LINDSAY LIGHT BLDG 161 E GRAND CHICAGO WIPE #2

REGION 2B SAMPLE TYPE WIPE

COLLECTOR ID 646 ANALYSIS DATES 1/ 5/81

1/ 7/81

	PARAMETER ID	R E S U L T			
GROSS ALPHA	4110	.24095041E -5	+-	.49959815E -6	UCI/W
GROSS BETA	4120	.10596226E -5	+-	.66558740E -6	UCI/W

MEMORANDUM

DATE: January 14, 1981

TO: Mike McCann, Division of Nuclear Material Safety

FROM: Dave Derenzo, Region 2B

SUBJECT: Lindsay Light Building
161 E. Grand Avenue
Chicago, Illinois , 60611

After our conversation concerning the survey I performed with Larry Jensen of the EPA, the following information is being submitted to clarify the EPA report sent to you earlier.

RADIATION MEASUREMENTS

The exposure rate data in the EPA report was taken with a Ludlum Model 19 Micro R Meter. This instrument utilizes an internally mounted 1" x 1" NaI(Tl) scintillator. Correction factors were not applied to compensate for the average energy of the thorium (and daughters) gamma photons. The attached diagrams have been modified from the EPA report to present the data I took using a Model 1010 Health Physics Instruments, Inc., tissue equivalent multiplying ion chamber, operated in the proportional region. This meter was brought by Mr. Larry Jensen and was used because of its ability to make measurements directly in rads rather than Roentgens without our correction factors. The multiplying ion chamber survey which was not made part of the EPA report were on the average three (3) times less than the Ludlum Micro R Meter measurements. All the measurements on the attached map were made at the surface of the floor or wall unless otherwise noted.

Except for two areas on the concrete floor in the basement of the building, surface wipes for loose contamination were not taken. No alpha survey was attempted on any of the hot spots found. Since most of the floors had been covered with tiles, carpets or other floor coverings, it is not known if a significant amount of loose contamination is beneath.

CONCLUSIONS & RECOMMENDATIONS

From the information gathered to date it will not be possible to determine if a significant health hazard exists. Additional measurements of exposure rates should be made which are representative of real exposures to persons occupying this building. Very little data was taken at gonadal or eye level in areas where workers could possibly be stationed. Furthermore it is not known what air contaminants may exist. An air sampling study seems to be the next step to assess the potential dose from alpha emitters to the lung and other critical organs, if thorium or its decay products are found to be in the breathing zone.

Some alternate corrective measures that come to mind are presented here that require less effort than those proposed in the EPA report.

Memorandum
Lindsay Light Building

Page 2

1. Painting or otherwise sealing surfaces found to have small amounts of removable contamination. This would effectually prevent resuspension of contaminated particles.
2. Painting or otherwise sealing surfaces found to have fixed contamination. This would reduce or eliminate the escape of radon gas from the thorium, leading to reduced airborne radioactivity.
3. Increase the building ventilation flow rate to more rapidly remove any suspended particulates.
4. Install filters if the heating system recirculates the building air, thereby removing suspended particles from the air.

DJD:jw

Dave Derenz

Figure A

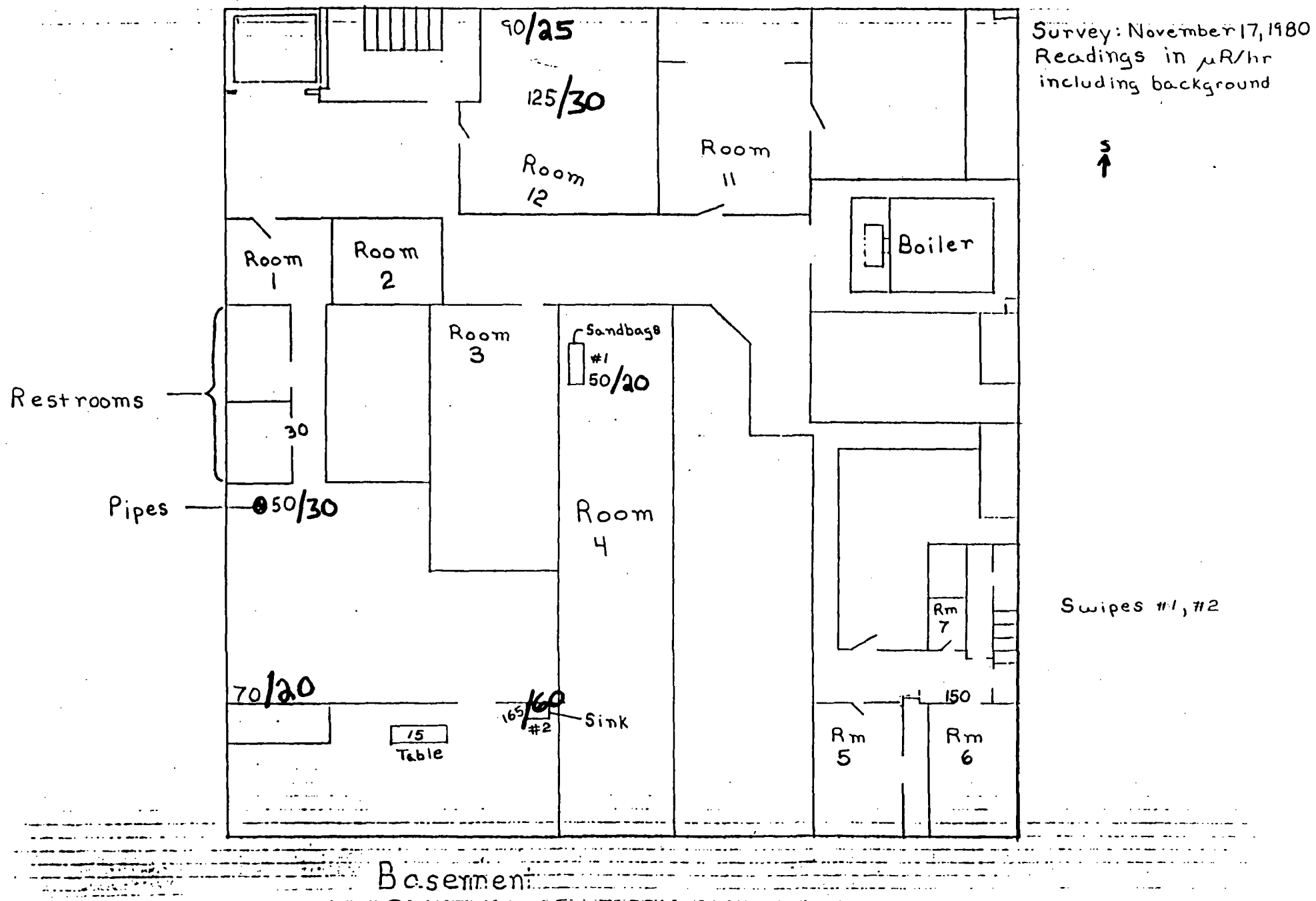
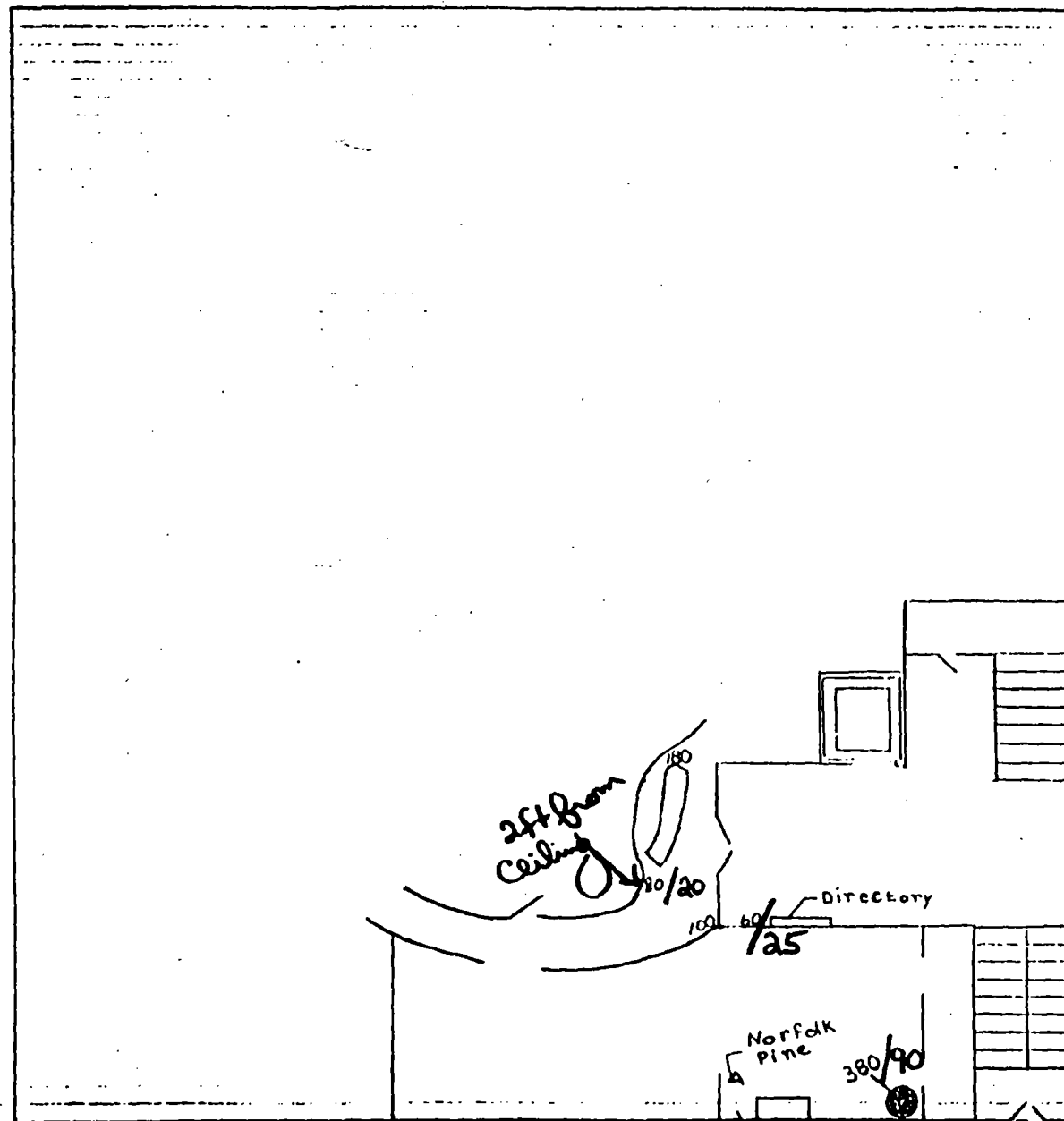


Figure D

Survey: November 17,
Readings in $\mu\text{R/hr}$
including background

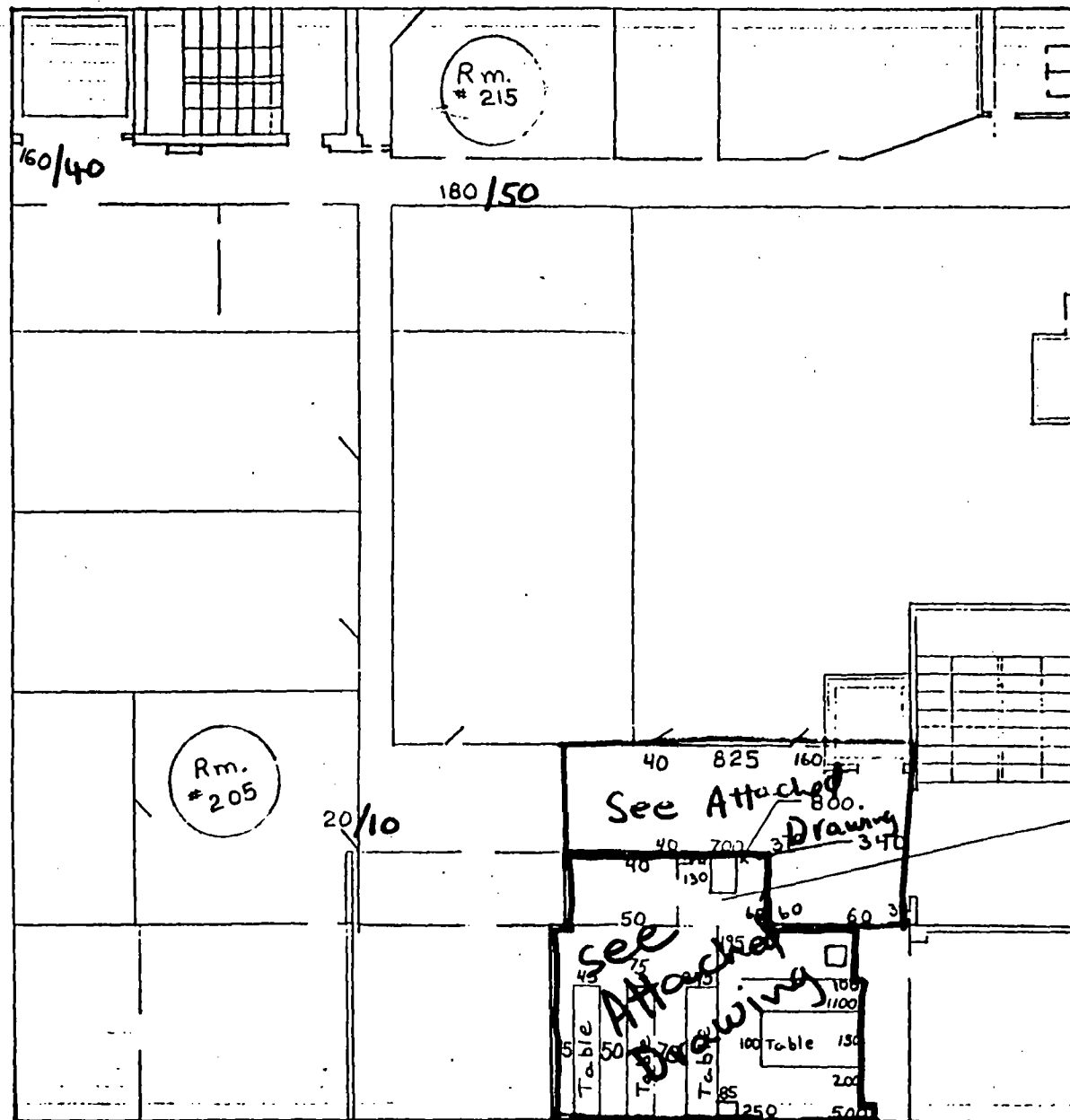


↓
N

1st Floor

Grand Avenue

Figure C



Surveys: November 17, 1980
November 24, 1980
Readings in $\mu R/hr$
including background

Room 202 and Hallway
readings taken
November 24, 1980
Others taken November 17, 1980

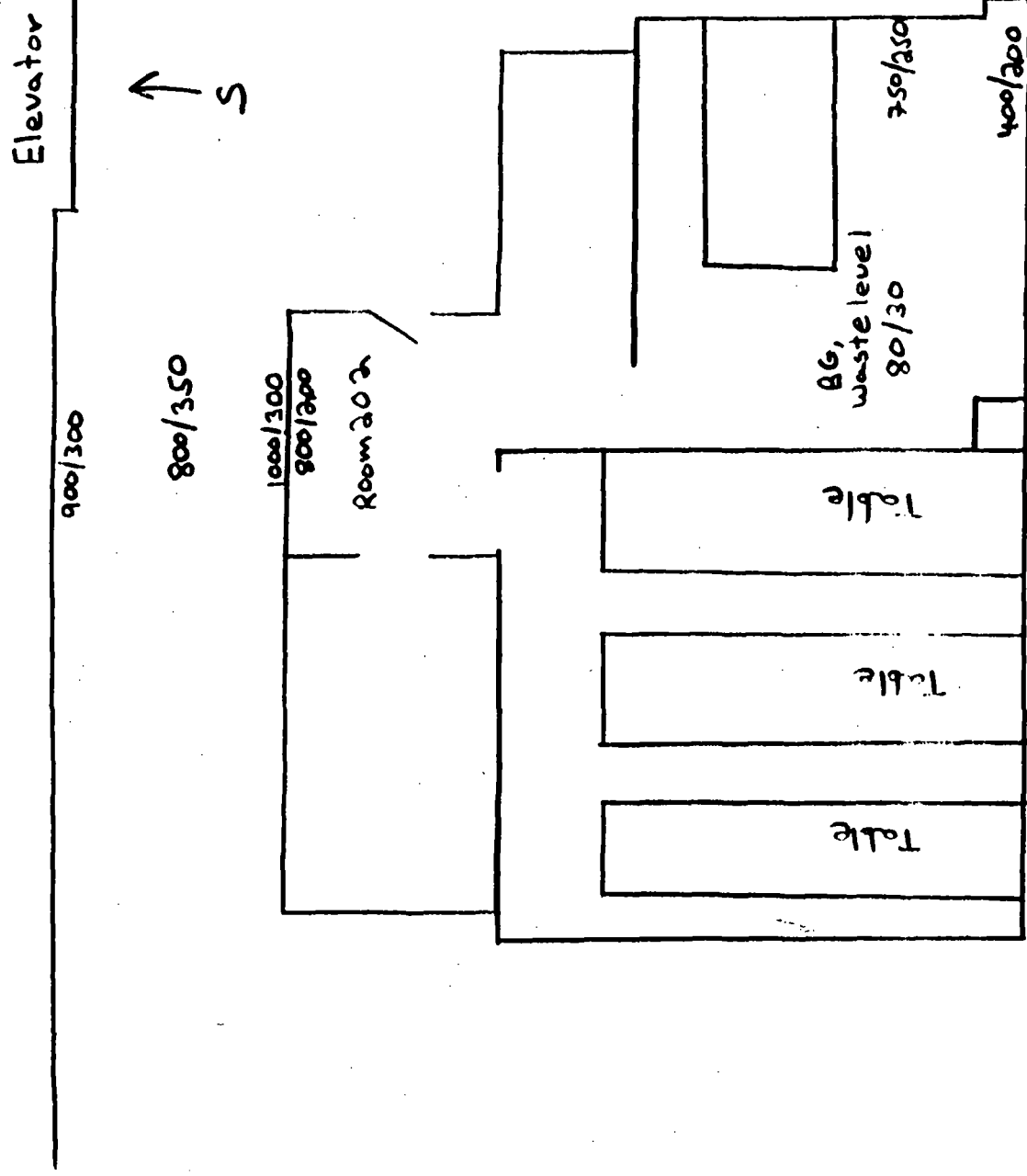
N
↑

Room
202

X Multi-Channel
Analyzer
* Air Sampler

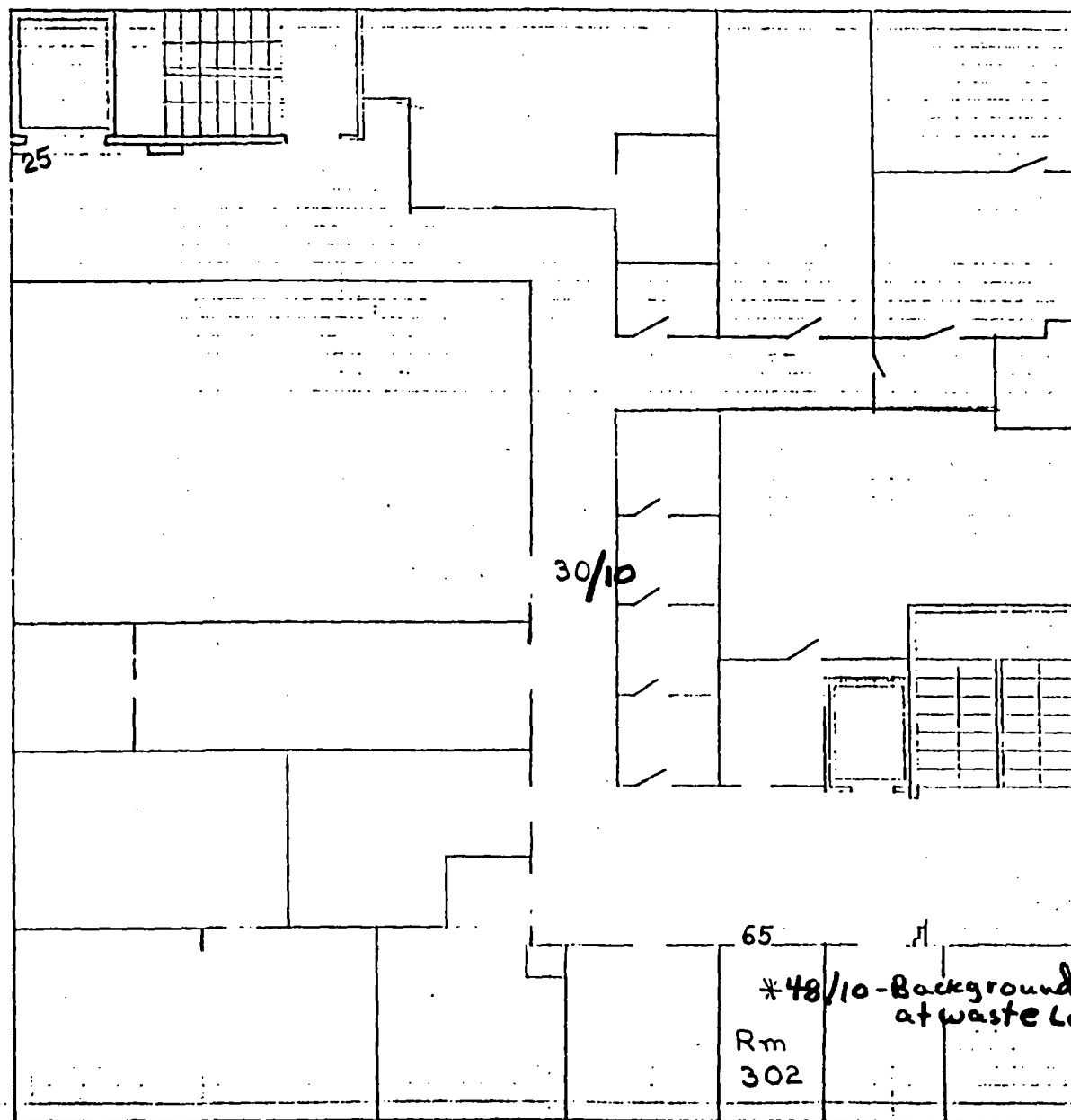
2nd Floor

Supplement to Figure C Survey 11/17/80



Readings in $\mu R/hr$ - The EPA data first/IDNS second
 ie 20/10 means EPA 20 $\mu R/hr$, IDNS 10 $\mu R/hr$

Figure D



Survey: November 17, 1980

Readings in $\mu\text{R/hr}$
Including background

* Air Sampler location,
November 24, 1980

* 48/10 - Background
at waste level

3rd Floor

health physics instruments, inc.

124 Santa Felicia Drive
Goleta, California 93017
Telephone (805) 665-2612



MODEL 1010 INSTRUMENT CALIBRATION

INSTRUMENT OWNED BY	DATE
Radiation Safety Services, Inc.	09/04/80
MODEL	
1010	
TYPE	
MULTIPLYING ION CHAMBER SURVEY METER	
SERIAL NO	
305	
CALIBRATION SOURCE DATA	

S 1.866 mrad/h @ 1 meter

W 0.117 mrad/h @ 1 meter

DISTANCE		SCALE READING				
C M	mrads/h	X1000	X100	X10	X1	X0.1
S T1	360	360				
T2	96		94			
14.3	90		92			
30.6	22		22			
45.5	9			9		
96.6	2			2.2		
143.9	0.9				.95	
W 76.5	0.2				.2	
153	0.05					.06
CM time	mrads	X1	X.1	X.01		
S 58 9 min	.83	.83				
58 1 min	.092		.090			
W 49.9 1 min	.0078			.0076		

COMMENTS

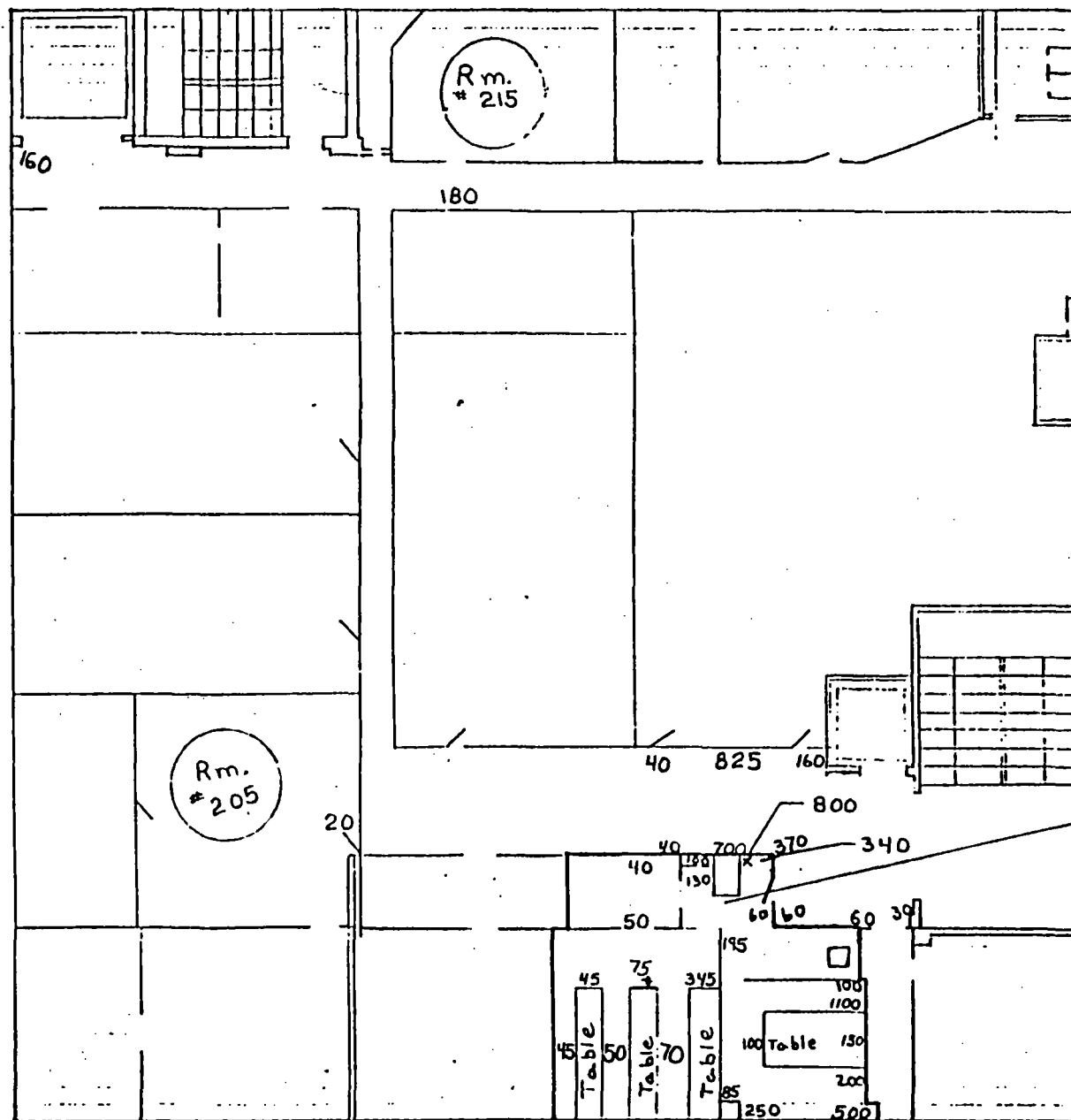
High Voltage: 1389

Chamber Number: C114

CALIBRATION BY

John Handerson

Figure



Surveys: November 11,
November 24, 1980
Readings in $\mu R/hr$
including background

Room 202 and Hall
readings taken
November 24, 1980
Others taken Nov 11, 1980

X Multi-Channel
Analyzer
* Air Sampler

2nd Floor

M E M O R A N D U M

TO: Maury Neuweg, Deputy Director
Office of Radiation Safety

FROM: Paul Eastvold, Chief *EE*
Division of Nuclear Materials

DATE: January 7, 1981

SUBJECT: CONVERSATION WITH LARRY JENSEN, USEPA, REGARDING
LINDSAY LIGHT COMPANY

On this date, I contacted Larry Jensen to discuss the December 30, 1980, letter from David Kee, USEPA, and the attached survey report for the old Lindsay Light Company building at 161 East Grand Avenue, Chicago. It was indicated to him that the owner of this building is neither a registrant nor a licensee and it did not appear that an immediate health hazard existed in the building. As such, we questioned our authority in requiring any decontamination of the property.

For the reasons outlined above, it was recommended that the USEPA continue their lead role in investigating and taking any indicated action with regard to the contamination. This Department would be glad to provide technical advice to the USEPA as they pursue this project. As such, IDNS would not be physically involved in the actual surveys of the building. Mr. Jensen was agreeable to this arrangement, however, he desired to either meet with representatives of this Department or have a conference call to further discuss the problem.

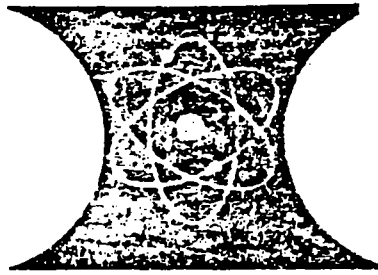
During the above conversation, Mr. Jensen agreed that TLD's may be a good way to analyze external exposure. As such, he requested that we loan to him 30-35 of our black TLD holders. The USEPA will then furnish the actual TLD chips and take care of obtaining the necessary measurements. Mr. Jensen will also contact Don Hendrichs of the Las Vegas USEPA laboratory for advice concerning air sampling in this building.

Mr. Jensen also indicated that he would like our Department to calibrate some of their radiation survey instruments with our radium 226 source. I indicated that I would check on this and get back with him.

Regarding a different matter, I asked Mr. Jensen if it would be possible for us to borrow one of their Passive Environmental Radon Monitoring (PERM) systems for use in measuring any radon being vented in potable water treatment plants as a result of the Pollution Control Board's request for such a study. He indicated that possibly in a couple of months we may be able to borrow such a system.

PDE:bk

Mike



ILLINOIS DEPARTMENT OF NUCLEAR SAFETY

January 8, 1981

ATTENTION: 5AHWM

David Kee, Director
Air and Hazardous Materials Division
United States Environmental Protection
Agency
230 South Dearborn Street
Chicago, Illinois 60604

Dear Mr. Kee:

Thank you for your letter dated December 30, 1980, submitting a copy of the report of the radiation survey made at 161 East Grand Avenue, Chicago, Illinois.

As discussed by Paul Eastvold, of my staff, in his January 7, 1981, telephone conversation with Larry Jensen, of your office, this Department will be pleased to offer technical advice to you as you proceed in investigating and evaluating any radioactive contamination present at the above site.

We appreciate the opportunity to be of assistance to you.

Sincerely,

Maury Neuweg, Deputy Director
Office of Radiation Safety

PDE:bk
cc - Larry Jensen
mlc

MEMORANDUM

DATE: February 19, 1980

TO: Mike McCann, Division of Radiation Protection

FROM: Max Dixon, Region 2B

SUBJECT: Gas Mantle Investigation - Radioactive Thorium

On February 8, 1980, Dave Derenzo, John Papendorf and Max Dixon visited the following locations to determine the owners and/or people responsible for management and leasing of the facilities.

Address: 312-328 N. May Street, Chicago

The building at this location is a warehouse which sets on the southwest corner of May and Carol Streets. Painted 3/4 of the way up on the building is "312-328 Warehouse". On the north side of the building, very near the top is some very old lettering which is somewhat difficult to distinguish but it does read "The Chicago Label and Box Company".

In an open area approximately a block from the above address we determined a background reading of 400-500 cpm using the Eberline Scintillator.

We then approached the north side of the building which faces Carol Street. We noted that there were three old wooden loading docks and one small overhead door.

The bricks were monitored on this side of the building and 10,000 cpm was obtained on surface contact with the bricks. All loading docks were monitored as well as the ground area around the docks and no reading above 5,000 cpm was noted. A reading of 2,000 cpm was noted in the street.

We then moved to the east side of the building which is on May Street and noted a reading of 4,000 cpm in the street.

At the south end of this building is a very large overhead door which would allow a semi-trailer truck to pull through. To the north of this large door are two small docks with doors that appeared to open to the side. Again to the north is a personnel door and to the north of the personnel door are two more small docks with doors that appear to open to the sides. At the furthest point to the north of the building is the final door which is a personnel door. This door is at the corner of May and Carol Streets.

The east side of the building was monitored using the Eberline Scintillator and all bricks read approximately 10,000 cpm.

This warehouse was locked and was unattended at this time. There were no signs on this building which indicate the company who occupied it. Also, there was no sign to indicate who the manager or owner of the building was.

The doors and windows along the east side of the building were also monitored and readings ranged from 4,000 to 5,000 cpm.

Address: 601-09 West Lake Street, Chicago

This building sits on the south side of Lake Street facing north. This building is occupied by several companies and/or corporations. The main sign above the door said Reeve Electronics Incorporated.

We entered this building and while we were looking at the directory for the building we were asked by a lady if we needed any help and she told us that we should go up to the 4th floor and ask for a Mr. Gunther because he was a manager for the building and had been there for a number of years.

We went up to the 4th floor and entered the door which said Reeve Electronics Incorporated and met Mr. Gunther. His phone number is 726-9755.

Mr. Gunther was advised that we were looking for a facility that would manufacture or assemble gas lamps or lighting fixtures. During this time the three of us only had a piece of note paper in our possession. He asked that we identify ourselves and we did. We then learned from Mr. Gunther that he wanted nothing to do with environmentalists and that we should stay home and that there were too many people running around talking about things that they didn't know about and that were of minor health problems.

Mr. Gunther did indicate that many years ago there used to be a one man operation and this man put together lamps of any kind, however, mostly custom. This man ran an assembly operation, he was not a manufacturer.

We then tried to address gas lamps using mantles which would contain small amounts of radioactive thorium. Mr. Gunther indicated that to his best of knowledge the man did not assemble lamps containing gas mantles.

Mr. Gunther indicated that there was one other man which was located in the adjacent building, address 627 West Lake and he would contact this man because he might know something more than he did. I called Mr. Gunther at 4:30 on February 8th and he advised that he had contacted this other gentleman and learned that the lamp company which was at 627 West Lake is no longer there and it was called Expert Lamp Company. Mr. Gunther further indicated that he was advised that the Expert Lamp Company did not manufacture nor assemble gas mantle lamps.

Address: 161 East Grand Avenue, Chicago

Building management: Browne and Storch, Incorporated
Christ Ball - Telephone 944-7373

The name carved in stone at the top of this building is Lindsay Light Company. It is a 4 story building and the first floor is occupied by one company. The second floor and third floor are occupied by numerous companies and/or businesses. The fourth floor is occupied by one company.

MEMORANDUM

Page 3

Mantle Investigation - Radioactive Thorium

After entering the building and checking it out we decided to return to the car and obtain the Eberline Scintillator. Background measurements outside on the street around the Lindsay Light Building indicated a reading of 4,000 cpm.

Inside the building and on the first floor a reading of 10,000 cpm was noted in the foyer.

We went to the second floor and right at the head of the stairway to the right was the elevator directly facing us was room 201 which is occupied by Ascot Products Corporation. The name on this door was Melvyn J. Harris. Directly across from the elevator was room 202 occupied by Meisel Munson, Ltd. In this area there was a tile floor and in the middle of this area we obtained a reading which ranged from 40,000 to 45,000 cpm. This reading was taken approximately 5 inches off the floor. In front of room 201 a reading of 45,000 cpm was noted. In front of room 202 a reading of 50,000 cpm was noted. We then proceeded down the hallway and the reading dropped considerably (approximately 10,000 cpm) in all other areas of the hallway which ran through the second floor.

We then went up to the third floor and from there to the fourth floor and obtained a reading of 10,000 cpm in both areas.

Address: 168-172 N. Halsted, Chicago

At this location we did not take any reading with the scintillation crystal.

Signs on the building indicated occupancy by Aaron's Machinery Company, Inc., the phone number on the door being HA 1-2344. Other signs on the building indicated that a Genco Enterprises and Reinshagen-Cooper Company were present in the building also. A sign on the side of the building indicated that a Fiji Oil Products (Beauty Supplies) was also in the building, telephone number MO 6-3121. Photographs were taken of this building.

Address: 223 West Jackson, Chicago

The scintillation survey meter was not used at this location. This building is now called the Brooks Building, managed by Strobeck Reiss and Company, Agents; and John W.C. Carlson is the manager. A Mr. Lawrence J. Hadfield is the building superintendent-engineer and is in room 1110 of this building. Further inspection of this building was not conducted as information from Mr. Eli Port indicated that this was probably only a sales office.

MBD:DJD:jw

MD
Dave Derenz
John Pyenshoff

87.10435

Please refer to the *Instructions for Filing Notification* before completing this form. The information requested here is required by law (Section 3010 of the Resource Conservation and Recovery Act).

Comments

[illegible]

O	P	T	I	M	U	S	I	N	C
---	---	---	---	---	---	---	---	---	---

Street or P.O. Box

[illegible]

Street or Route Number

C	S		1	6	1	E				G	R	A	N	D		A	V	E															
		City or Town																			State		ZIP Code										
C	S		C	H	I	C	A	G	O																								
		I L																			6 0 6 1 1												

Name and Title (last, first, and job title)

U	G	E	O	R	G	E	/	S	L	O	M	I	N	S	K	/	3	1	2	3	2	1	0	8	8	C
---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

A. Name of Installation's Legal Owner

C R	B	U	S	C	H	C	R	E	A	T	I	V	E	S	E	R	V	I	C	E	S	P
-----	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

A Hazardous Waste Activity

- ☐ 1a. Generator ☒ 1b. Less than 1,000 kg/mo.
- ☐ 2. Transporter
- ☐ 3. Treater/Storage/Disposer
- ☐ 4. Underground Injection
- ☐ 5. Market or Burn Hazardous Waste Fuel
(enter "X" and mark appropriate boxes below)
- ☐ a. Generator Marketing to Burner
- ☐ b. Other Marketer
- ☐ c. Burner

B. Used Oil Fuel Activities

- ☐ 6. Off-Specification Used Oil Fuel (enter 'X' and mark appropriate box below)
- ☐ a. Generator Marketing to Burner
- ☐ b. Other Marketer
- ☐ c. Burner
- ☐ 7. Specification Used Oil Fuel Marketed (On Site Burner) Who First Claims the Oil Marked as such

VII. Waste Fuel Burning: Type of Combustion Device (enter 'X' in all appropriate boxes to indicate type of combustion device(s) in which hazardous waste fuel or off-specification used oil fuel is burned. See instructions for definitions of combustion devices.)

- ☐
- A. Utility Boiler
- ☐
- B. Industrial Boiler
- ☐
- C. Industrial Furnace

VIII. Mode of Transportation (transporters only — enter 'X' in the appropriate box(es))

- ☐
- A. Air
- ☐
- B. Rail
- ☐
- C. Highway
- ☐
- D. Water
- ☐
- E. Other (specify) _____

IX. First or Subsequent Notification

Mark 'X' in the appropriate box to indicate whether this is your installation's first notification of hazardous waste activity or a subsequent notification. If this is not your first notification, enter your installation's EPA ID Number in the space provided below.

- ☒ A. First Notification ☐ B. Subsequent Notification (complete item C)

C. Installation's EPA ID Number

A. Hazardous Wastes from Nonspecific Sources. Enter the four-digit number from 40 CFR Part 261.31 for each listed hazardous waste from nonspecific sources your installation handles. Use additional sheets if necessary.

B. Hazardous Wastes from Specific Sources. Enter the four-digit number from 40 CFR Part 261.32 for each listed hazardous waste from specific sources your installation handles. Use additional sheets if necessary.

C. Commercial Chemical Product Hazardous Wastes. Enter the four-digit number from 40 CFR Part 261.33 for each chemical substance your installation handles which may be a hazardous waste. Use additional sheets if necessary.

D. Listed Infectious Wastes. Enter the four-digit number from 40 CFR Part 261.34 for each hazardous waste from hospitals, veterinary hospitals, or medical and research laboratories your installation handles. Use additional sheets if necessary.

E. Characteristics of Nonlisted Hazardous Wastes. Mark 'X' in the boxes corresponding to the characteristics of nonlisted hazardous wastes your installation handles. (See 40 CFR Parts 261.21 — 261.24)

☐ 4. Toxic (DOOO)

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

EPA Form 8700-12 (Rev. 11-85) Reverse

EPA Notification of Hazardous Waste		87.10435	
For Official Use Only			
Comments			
Installation's EPA ID Number			
Approved			
Date Received			
RECEIVED AUG 10 1987			
I. Name of Installation			
O P T I M U S I N C			
II. Installation Mailing Address			
Street or P.O. Box			
3 1 6 1 E G R A N D A V E			
City or Town			
C H I C A G O			
State			
I L			
ZIP Code			
6 0 6 1 1			
III. Location of Installation			
Street or Route Number			
3 1 6 1 E G R A N D A V E			
City or Town			
C H I C A G O			
State			
I L			
ZIP Code			
6 0 6 1 1			
IV. Installation Contact			
Name and Title (last, first, and job title)			
G E O R G E S L O M I N S K I			
Phone Number (area code and number)			
3 1 2 3 2 1 0 8 8 0			
V. Ownership			
A. Name of Installation's Legal Owner			
B. Type of Ownership (enter code)			
B U S C H C R E A T I V E S E R V I C E S P			
VI. Type of Regulated Waste Activity (Mark 'X' in the appropriate boxes. Refer to instructions.)			
A. Hazardous Waste Activity		B. Used Oil Fuel Activities	
<input type="checkbox"/> 1a. Generator <input checked="" type="checkbox"/> 1b. Less than 1,000 kg/mo.		<input type="checkbox"/> 6. Off-Specification Used Oil Fuel (enter 'X' and mark appropriate boxes below)	
<input type="checkbox"/> 2. Transporter		<input type="checkbox"/> a. Generator Marketing to Burner	
<input type="checkbox"/> 3. Treater/Storer/Disposer		<input type="checkbox"/> b. Other Marketer	
<input type="checkbox"/> 4. Underground Injection		<input type="checkbox"/> c. Burner	
<input type="checkbox"/> 5. Market or Burn Hazardous Waste Fuel (enter 'X' and mark appropriate boxes below)		<input type="checkbox"/> 7. Specification Used Oil Fuel Marketer (or On Site Burner) Who First Claims the Oil Marked for Recycling	
<input type="checkbox"/> a. Generator Marketing to Burner			
<input type="checkbox"/> b. Other Marketer			
<input type="checkbox"/> c. Burner			
VII. Waste Fuel Burning: Type of Combustion Device (enter 'X' in all appropriate boxes to indicate type of combustion device(s) in which hazardous waste fuel or off-specification used oil fuel is burned. See instructions for definitions of combustion devices.)			
<input type="checkbox"/> A. Utility Boiler <input type="checkbox"/> B. Industrial Boiler <input type="checkbox"/> C. Industrial Furnace			
VIII. Mode of Transportation (transporters only — enter 'X' in the appropriate box(es))			
<input type="checkbox"/> A. Air <input type="checkbox"/> B. Rail <input type="checkbox"/> C. Highway <input type="checkbox"/> D. Water <input type="checkbox"/> E. Other (specify)			
IX. First or Subsequent Notification			
Mark 'X' in the appropriate box to indicate whether this is your installation's first notification of hazardous waste activity or a subsequent notification. If this is not your first notification, enter your installation's EPA ID Number in the space provided below.			
<input checked="" type="checkbox"/> A. First Notification <input type="checkbox"/> B. Subsequent Notification (complete item C)			
C. Installation's EPA ID Number			

X. Description of Hazardous Wastes (continued from front)

A. Hazardous Wastes from Nonspecific Sources. Enter the four-digit number from 40 CFR Part 261.31 for each listed hazardous waste from nonspecific sources your installation handles. Use additional sheets if necessary.

1	2	3	4	5	6
F	0	0	1		

B. Hazardous Wastes from Specific Sources. Enter the four-digit number from 40 CFR Part 261.32 for each listed hazardous waste from specific sources your installation handles. Use additional sheets if necessary.

13	14	15	16	17	18
19	20	21	22	23	24
25	26	27	28	29	30

C. Commercial Chemical Product Hazardous Wastes. Enter the four-digit number from 40 CFR Part 261.33 for each chemical substance your installation handles which may be a hazardous waste. Use additional sheets if necessary.

31	32	33	34	35	36
37	38	39	40	41	42
43	44	45	46	47	48

D. Listed Infectious Wastes. Enter the four-digit number from 40 CFR Part 261.34 for each hazardous waste from hospitals, veterinary hospitals, or medical and research laboratories your installation handles. Use additional sheets if necessary.

49	50	51	52	53	54

E. Characteristics of Nonlisted Hazardous Wastes. Mark 'X' in the boxes corresponding to the characteristics of nonlisted hazardous wastes your installation handles. (See 40 CFR Parts 261.21 - 261.24)

☐ 1. Ignitable
(D001)

☐ 2. Corrosive
(D002)

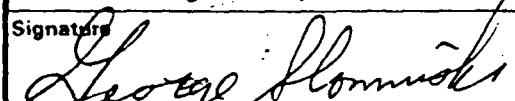
☐ 3. Reactive
(D003)

☐ 4. Toxic
(D000)

XI. Certification

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Signature



Name and Official Title (type or print)

GEORGE SLOMINSKI
DIRECTOR OF ENGINEERING

Date Signed

7/23/87



COMPUTERIZED CHECKOUT SYSTEM IN EFFECT AS OF JANUARY 04, 1991

- 00 - ALL CATEGORY
- 01 - FOS
- 02 - GENERAL CORRESPONDENCE
- 03 - PERMITS
- 03A - SPECIAL WASTE STREAM PERMIT LETTERS
- 03B - SPECIAL WASTE STREAM PERMIT APPLICATIONS
- 04 - PLANS
- 06 - GROUNDWATER
- 08 - COMPLIANCE
- 10 - ANNUAL REPORTS
- 11 - GRANTS/SWM
- 12 - MANIFESTS
- 19A - SF/HRS
- 19B - SF/CA
- 19C - SF/TECH REPORTS
- 19D - SF/FISCAL CORRESPONDENCE
- 19E - SF/FISCAL BIDS
- 19F - ADMINISTRATIVE RECORD INDEX
- 19G - ADMINISTRATIVE RECORD DOCUMENTS
- 20A - FEE
- 20B - FINANCIAL
- 21A - LUST/TECH REPORTS
- 21B - LUST/FISCAL
- 22 - WITHHELD (CONFIDENTIAL)
- 23A - UIC/ADMIN REC
- 23B - UIC/AUTH BY RULE
- 23C - UIC/CLOSURE
- 23D - UIC/COMPLIANCE
- 23E - UIC/FOS
- 23F - UIC/GEO LOGS
- 23G - UIC/HISTORY
- 23H - UIC/LAND BAN
- 23I - UIC/MONTHLY REPORT
- 24A - RCRA/PERMITS
- 24B - RCRA/CLOSURE
- 24C - SUBPART F
- 24D - ADMINISTRATIVE RECORD
- 25 - HAULER
- 26 - COUNTY GENERAL
- 27 - MISCELLANEOUS
- 28 - SOLID WASTE (QUARTERLY REPORT)
- 29 - NOISE A
- 29C - NOISE VARIANCE TECH



Illinois Environmental Protection Agency · 2200 Churchill Road, Springfield, IL 62706

ILLINOIS GENERATOR I.D. NUMBER REQUEST FORM

Generator I.D. numbers are normally assigned from data provided in Supplemental Waste Stream Permit Applications submitted by permitted sites. Generator I.D. numbers are arbitrarily assigned to those generators who do not have one when waste stream permit applications are received. This form is to be used by those generators that only ship waste out-of-state or to facilities having a generic permit to accept the generator's waste stream.

Please **TYPE or PRINT in ink.** **INCOMPLETE FORMS WILL BE REJECTED.** This form will be returned to you when a generator number has been assigned. Any questions should be directed to the Permit Section at 217/782-6762.

This number is being requested by GEORGE SLOMINSKI
of (Company) OPTIMUS, INC. PHONE 312-321-0880

GENERATOR NAME OPTIMUS, INC.

LOCATION (Not P.O. Box) 161 E. GRAND AVE.

CITY, STATE & ZIP CODE CHICAGO, IL 60611 COUNTY COOK

MAILING ADDRESS (if different than above) _____

CITY, STATE & ZIP CODE _____

CONTACT PERSON GEORGE SLOMINSKI PHONE 312-321-0880

FREQUENCY OF TRANSPORTATION (check one). This information is needed in order to determine how many manifest forms will be needed.

 1 = one time only 3 = weekly 5 = monthly 7 = quarterly
 2 = daily 4 = bi-weekly 6 = bi-monthly XX 8 = semi-annual

WASTE DESTINATION (Site) AMERICAN CHEMICAL SERVICES

ADDRESS 420 COLFAX AVE.

CITY, STATE & ZIP CODE GRIFFITH, IND. 46319

* 9180890002 (site #)

* Indicate Site's Illinois Site Code Number (if Out-of-State) or Generic Permit Authorization Number **(MUST BE COMPLETED)**.

Return this form to: Illinois Environmental Protection Agency
Division of Land Pollution Control (#24)
Permit Section
2200 Churchill Road
P. O. Box 19276
Springfield, IL 62794-9276

RECEIVED

SEP - 4 1987

IEPA/DLPC

FOR AGENCY USE ONLY

GENERATOR I.D. # 0316085026

EDP ☒
Region ☐
Manifest ☐
IMES ☐
File ☐

This Agency is authorized to require this information under Illinois Revised Statutes, 1979, Chapter 111 1/2, Section 1039. Disclosure of this information is required under that Section. Failure to do so may prevent this form from being processed and could result in your application being denied. This form has been approved by the Forms



217/782-6761

Refer to: 0316085026
Optimus, Inc.
ILD062478516

February 23, 1988

Optimus, Inc.
Attn: Scott Kane
161 E. Grand Avenue
Chicago, IL 60611

Dear Mr. Kane:

This letter is in regard to State of Illinois Uniform Hazardous Waste Manifest number 1910994 received by this Agency.

When hazardous waste is transported to a state that supplies the Uniform Hazardous Waste Manifest, that state's manifest should be used, not a State of Illinois Manifest. Information regarding the waste shown on this manifest will be provided to us through your company's Generator Hazardous Waste Annual Report, which must be submitted to the Illinois EPA by March 1 for the preceding calendar year.

Since this waste was sent to Indiana, the parts 2 and 5 of the Illinois Hazardous Waste Manifest are being forwarded to that state's offices.

Feel free to contact the undersigned at 217/785-2361 should you have any questions on this matter.

Sincerely,

Hope A. Wright
Administrative Compliance Unit
Compliance Section
Division of Land Pollution Control

HAW:DGC:st:493j,35

cc: Division File ✓
Maywood Region
Indiana (State) -- Enclosure



217/782-6761

CERTIFIED # P131 206 411

Refer to: 0316085026 -- Cook County
Optimus, Inc.
ILD062478516
COMPLIANCE INQUIRY LETTER

March 22, 1989

Optimus, Inc.
Attn: Mr. George Slominski
161 E. Grand Avenue
Chicago, Illinois 60611

Dear Mr. Slominski:

A review of Agency files has revealed that your company may be in apparent violation with 35 Ill. Adm. Code 722.141(a).

Pursuant to 35 Ill. Adm. Code 722.141(a), a generator who ships any hazardous waste off-site to a treatment, storage or disposal facility within the United States shall prepare and submit a single copy of an annual report to the Agency by March 1 for the preceding calendar year. The annual report must be submitted on a form supplied by the Agency, and must cover generator activities during the previous calendar year, and must include the following information:

1. The USEPA identification number, name and address of the generator;
2. The calendar year covered by the report;
3. The USEPA identification number, name and address for each off-site treatment, storage or disposal facility in the United States to which waste was shipped during the year;
4. The name and USEPA identification number of each transporter used during the reporting year for shipments to a treatment, storage or disposal facility within the United States;
5. A description, USEPA hazardous waste number (from 35 Ill. Adm. Code 721. Subpart C or D), DOT hazard class and quantity of each hazardous waste shipped off-site for shipments to a treatment, storage or disposal facility within the United States. This information must be listed by USEPA identification number of each off-site facility to which waste was shipped;
6. A description of the efforts undertaken during the year to reduce the volume and toxicity of waste generated;



Page 2

7. A description of the changes in volume and toxicity of waste actually achieved during the year in comparison to previous years to the extent such information is available for years prior to 1984;
8. The certification signed by the generator or the generator's authorized representative.

You are in apparent violation of 35 Ill. Adm. Code 722.141(a) for the following reason(s): your company's 1988 Generator Report has not been received at the Agency.

Please send an explanation and your completed Annual Report within (15) fifteen calendar days of the date of this letter.

All responses are to be mailed at the letterhead address to the attention of Dana Curtiss.

Take notice that non-compliance with the Illinois Environmental Protection Act and the Rules and Regulations of the Illinois Pollution Control Board may be the subject of the Enforcement action pursuant to Title VIII of Section 42(b)(3) "civil penalty of not to exceed \$25,000 per day of violation, and Section 44(a)" it shall be a Class A misdemeanor to violate this Act..."

In addition, please be advised that this letter constitutes the notice required by Section 31(d) of the Illinois Environmental Protection Act prior to the filing of a formal complaint. The cited Section of the Illinois Environmental Protection Act requires the Agency to inform you of the charges which are to be alleged and offer you the opportunity to meet with appropriate officials within thirty days of the notice date in an effort to resolve such conflicts which could lead to the filing of a formal complaint.

For any questions concerning this letter please contact Dana Curtiss at the above number.

Sincerely,

Eugene P. Theios, Manager
Administrative Compliance Unit
Compliance Section
Division of Land Pollution Control

EPT:DC:dks/1115k/1116k

cc: Division File
Maywood Region



Illinois Environmental Protection Agency

P.O. Box 19276, Springfield, IL 62794-9276

217/782-6761

Optimus Inc.

gen. correspondence

March 17, 1992

REQUEST WITHDRAWN

Per J. H. [unclear]

Date 3/21/92

Mr. Erich Redschlag
BCM Engineers Inc.
8410 West Bryn Mawr Ave., Suite 600
Chicago, IL 60631

Re: Freedom of Information request dated 05/14/91
Cityfront Plaza
BCM Project #06-7841-01

Dear Mr. Redschlag:

The information you requested regarding the above referenced FOIA request is available for review in our office. Requests which total more than 3" of file material must be reviewed in our Springfield office. The total file material which you have requested amounts to approximately 7 1/2 inches (1 1/2 box). Please call me by 04/01/92 to schedule your review date. If you have not contacted me by that date, your request will be considered withdrawn.

A list of options follows regarding your scheduled review:

1. You may review the files in our office and copy the needed information using a machine provided by us. If your total copies are 400 or less, all copies are free. However, if your total copies exceed 400 you will be charged an initial fee of \$25.00 plus \$0.25/copy for all copies over 400. Checks are to be made payable to "Treasurer, State of Illinois" upon receipt of the documents.
2. You may review the files in our office and copy the needed information on a copy machine which you provide.
3. You may come into our office, review the files, tag the pages you want copied, and contract with a local copy service. They would come to our office with their machine and personnel and copy the material which you have tagged. Copy arrangements with a service would have to be made by you. Currently, the only vendor we are aware of that provides this type of service is The Printing Center. Contact person there is Sue Shaw at 217/544-6564. If you choose this type of arrangement, you will need to have the vendor contact me to schedule a copy date.



Page 2

4. You can contract with a local copy service as mentioned in #3 above to copy the entire file(s) requested.

If you have any additional questions, please do not hesitate to call me.

Sincerely,

Diana L. Gobelman

Diana L. Gobelman, Coordinator
Freedom of Information Unit
Planning and Reporting Section
Division of Land Pollution Control

DLG:dig



Illinois Environmental Protection Agency P.O. Box 19276, Springfield, IL 62794-9276

217/782-6761

REFER TO: F.O.I.A. REQUEST

DATE: May 29, 1991

Erich Redschlag

Project 06-7841-01

BCM Engineers Inc

8410 W. Bryn Mawr Ave., Suite 600

Chicago, IL 60631

Dear Mr. Redschlag:

The agency has received your Freedom of Information Act (F.O.I.A.) request dated May 14, 1991. Due to the lack of manpower resources and the large number of F.O.I.A. requests received by the Division of Land Pollution Control, it may take more than ten months to respond to your request.

Thank you for your patience. If you have any questions, please call me at the above telephone number.

Sincerely,

Victoria L. Beard, Coordinator
Freedom of Information Unit
Planning and Reporting Section
Division of Land Pollution Control

cc: Division file

ILD062478516 0316085026
OPTIMUS INC.
161 E GRAND AVE.
CHICAGO, IL 60611

ILLINOIS Environmental Protection Agency
1991 Hazardous Waste Report
Form GM - Waste Generation and Management

Instructions for this form found on pages 14 - 31.

Sec. I WASTE DESCRIPTION

A. Waste Description: Waste 1,1,1- Trichloroethane
B. EPA Hazardous Waste Code F 0 0 1 N/A N/A N/A N/A
C. SIC code 7 8 1 2
D. Origin Code 50 1 System type M 0 2 1 E. Source code A 0 5 A A
F. Point of measurement 1 G. Form code B 2 0 1
H. Radioactive mixed 2 I. TRI constituent 1
J. CAS numbers: 1. N/A 2. N/A N/A
4. N/A 5. N/A

Sec. II QUANTITY GENERATED AND MANAGED ON-SITE

A. UOM 1 Density 1 0 . 9 1 lbs/gal (Same unit and density must be used for all quantities on this page)
B. Quantity generated in previous reporting year N/A C. Current reporting year 1 1 0 . 0
D. Did this location do any of the following to this waste (at this location): manage in exempt or regulated treatment, recycling, or disposal process? N Y= Yes (Continue to System 1) N= No (Skip to Sec. III)
On-Site System 1: System Type M N/A Quantity managed on-site this year N/A
On-Site System 2: System Type M N/A Quantity managed on-site this year N/A

Sec. III OFF-SITE SHIPMENT

A. Was any of this waste shipped off site this reporting year? Y Y= Yes (Continue to Box B) N= No (Skip to Sec. IV)
Site 1: Name and address of facility: Van Waters & Rogers
2055 Hammond Drive
Schaumburg, IL 60173
B. U.S. EPA ID No. of facility waste was shipped to: I L D 0 0 0 8 1 9 9 3 8
C. System type shipped to M 0 2 1 D. Off-site availability code 1
E. Total quantity shipped in this reporting year: 1 1 0 . 0
Site 2: Name and address of facility:

B. U.S. EPA ID No. of facility waste was shipped to: N/A
C. System type shipped to M N/A D. Off-site availability code
E. Total quantity shipped in this reporting year: N/A

Sec. IV NEW WASTE MINIMIZATION ACTIVITIES

A. Did new activities in this year result in minimization of this waste? Y Y= Yes (Cont. to Box B) N= No (Cont. to Sec. V)
B. Activity W 0 2 W 2 4 W 3 1 W NA C. Other effects (Y=Yes, N=No) N
D. Quantity recycled in reporting year due to new activities 1 1 0 . 0
E. Activity/production index N/A F. Reporting year Source reduction quantity N/A

Sec. V REGULATED STORAGE

A. Did this site store RCRA wastes 90 days and then ship it off-site (to site shown in Section III)? (Y=Yes, N=No) Y
B. Did this site store RCRA wastes on-site for more than 90 days but waste is in storage at year end: (Y= Yes, N= No) N
Quantity stored that was generated this reporting year: N/A
Quantity stored that was generated prior to this reporting year: N/A

COMMENTS: Enter Y (Yes) if you have comments regarding this page and attach extra sheet.

ILD062478516 0316085026
OPTIMUS INC.
161 E GRAND AVE.
CHICAGO, IL 60611

ILLINOIS Environmental Protection Agency
1991 Hazardous Waste Report
Form TI - Transporter Identification

Instructions for this form found on page 32.

1. U.S. EPA ID No. ILD000819938

Transporter Name and Address: Van Waters & Rogers
2055 Hammond Drive
Schaumburg, IL 60173

2. U.S. EPA ID No. N/A

Transporter Name and Address:

3. U.S. EPA ID No. N/A

Transporter Name and Address:

4. U.S. EPA ID No. N/A

Transporter Name and Address:

5. U.S. EPA ID No. N/A

Transporter Name and Address:

6. U.S. EPA ID No. N/A

Transporter Name and Address:

7. U.S. EPA ID No. N/A

Transporter Name and Address:

8. U.S. EPA ID No. N/A

Transporter Name and Address:

COMMENTS: Enter Y (Yes) if you have comments regarding this page and attach extra sheet.

DLPC RECORDS UNIT
Microfilm Code Sheet

ID Number

L	0	3	1	6	0	8	5	0	2	6
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Name

O	P	T	I	M	U	S		I	N	C							

File Division

I	O
---	---

Permit or Federal ID Number

I	L	D	0	6	2	4	7	8	5	1	6
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Cross-reference Information

20

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
GENERATOR ANNUAL HAZARDOUS WASTE REPORT

20

This report is for the calendar year ending December 31, 1987

FOR AGENCY USE

L P H W C

CARD
TYPE

FOR AGENCY USE ONLY

2 1 0

TRANS
CODE

A

0 2 / 2 8 / 8 8

GENERAL INSTRUCTIONS

REFER TO THE SPECIFIC INSTRUCTIONS CONTAINED IN THIS BOOKLET BEFORE COMPLETING THIS FORM.
The information requested in this report is required by Federal and State law.

Please print type with elite type (12 characters per inch)

I. NON-REGULATED STATUS

Complete this section only if you did not generate regulated quantities of hazardous waste at any time during the calendar year covered by this report. Circle the numeric code (1 thru 5) that best describes your status during the entire year (see instructions for explanation of codes) and the code for time period and explain Comment Section.

1 No Hazardous Waste Shipped Off-Site

2 Small Quantity Generator

3 Exempt

4 Beneficial Use

5 Closed

B. This installation's Non-Regulated Status is expected to apply:

6 For 1987 only, explain in Comment Section.

7 Permanently, explain in Comment Section.

8 Other, explain in Comment Section.

II. REGULATED STATUS

See instructions for completing this and following sections.

III. GENERATOR'S USEPA ID. NUMBER

I L D 0 6 2 4 7 8 5 1 6

IV. GENERATOR'S ILLINOIS ID. NUMBER

0 3 1 6 0 8 5 0 2 6

V. NAME OF INSTALLATION

OPTIMUS, INC.

VI. INSTALLATION MAILING ADDRESS

161 EAST GRAND AVE.

Street or P.O. Box

CHICAGO,

City or Town

IL 60611

State Zip Code

VII. LOCATION OF INSTALLATION (if different than section VI above)

////////////////////

Street or Route number

City or Town

State Zip Code

VIII. INSTALLATION CONTACT

COX, LORI

Name (last and first)

312-321-0880

Phone No. (area code & No.)

This Agency is authorized to require this information under Illinois Revised Statutes, 1981, Chapter 11-1.2, Sections 1004 and 1004.1. Failure to provide this information is required failure to do so may result in a civil penalty up to \$25,000 for each day the failure continues, or imprisonment up to 5 years. This form has been approved by the Environmental Protection Agency.

IX. CERTIFICATION

I, the undersigned, being duly sworn, have personally examined and am familiar with the information submitted in this and all attachments hereto, and that same are true and correct, and I am individually immediately responsible for obtaining the information, and that the information submitted is true and correct, and complete, and I am aware that there are significant penalties for submitting false information, including the possibility of fines and imprisonment.

SCOTT KANE

Pres.

Signature of Authorized Representative

Date Signed

Page 0 0 1 of 2

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MAR 21 1988

IEPA-DLPC

Optimus, Inc.
161 E Grand Ave
Chicago, Ill
60611

ILD 062478516 0316085026

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
GENERATOR ANNUAL HAZARDOUS WASTE REPORT

This report is for the calendar year ending December 31, 1987

XVI. COMMENTS

Generator's USEPA I.D. No. 111062478516

Generator's Illinois EPA I.D. No. 0316085026

The minimization statement as described in the instructions, should be completed below.

RE: ITEM "B" OF SECTION I

THE QUANTITY OF HAZARDOUS WASTE MAY AT SOME TIME INCREASE, DEPENDING
ON VOLUME OF OUR BUSINESS.

AT THIS TIME WE HAVE HAD 55 GALLONS TRANSPORTED IN THE PAST YEAR.

I DO DOUBT THAT WE WILL BECOME A HIGH GENERATOR OF HAZARDOUS WASTE.



LORI COX
PURCHASING AGENT

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
1988 GENERATOR ANNUAL HAZARDOUS WASTE REPORT

For Agency use ILPHWIC CARD 20 TRANS A 02/28/89

GENERATOR USEPA I.D. NUMBER

GENERATOR IEPA I.D. NUMBER

GENERATOR COMPANY: IL TLD 062 478 516
GENERAL MANAGER
OPTIMUS INC
101 E GRAND AVE
CHICAGO

031 60850 26

MAILING ADDRESS: _____

IL
60611

ZIP

LOCATION WASTE GENERATED: 161 S GRAND CHGO IL
STREET CITY ZIP 60611

CONTACT PERSON: GEORGE SLOMIPSKI (312) 321-0880
NAME A/C PHONE

GENERATOR SIC CODE 41899 ? POSTPRODUCTION

NON-REGULATED STATUS If your company was not regulated during 1988, circle the numeric code (1-5) that describes your non-regulated status during the entire year AND circle the code for the time period this status is expected to apply (6-8). Sign and date this form and attach comment page before mailing.

a. 1 NO HAZARDOUS WASTE SHIPPED OFF-SITE

2 SMALL QUANTITY GENERATOR (Did not generate more than 1000 kg of hazardous waste (or 1 Kg acutely hazardous waste) in any month or accumulate 6000 kg hazardous waste for more than 180 days or more than 270 days for waste transported to a facility over 200 miles away.)

3 FARMING OR OTHER OPERATIONS EXEMPT UNDER 35 Ill. Adm. Code 721.104

4 EXEMPT UNDER 35 Ill. Adm. Code 721.106

5 CLOSED (Prior to 1/1/89) and no waste was shipped off-site

b. 6 FOR 1986 ONLY, explain in comment section

7 PERMANENTLY, explain in comment section

8 OTHER, explain in comment section

RECEIVED

MAR 31 1989

IEPA-DLPC

REGULATED STATUS If your company does not qualify for non-regulated status it is regulated for 1988. You must complete the entire report including Page 1 (Generator Information), Page 2 (Comments), Page 3 (Waste Minimization), Page 4 (Transportation Services) and Page(s) 5, 6, 7, etc. (Facility Information).

This Agency is authorized to require this information under Illinois Revised Statutes, 1981, Chapter III-12, Sections 1004 and 1021(f)(2). Disclosure of this information is required. Failure to do so may result in a civil penalty up to \$25,000 for each day the failure continues, a fine up to \$1,000,000.00 and imprisonment up to 5 years. This form has been approved by the Forms Management Center.

CERTIFICATION I certify under penalty of law that I have personally examined, and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

GEORGE SLOMIPSKI DIR OF ENCR G. SLOMIPSKI
PRINT TYPE NAME TITLE SIGNATURE DATE 3-29-89

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
1988 GENERATOR ANNUAL HAZARDOUS WASTE REPORT

GENERATOR USEPA I.D. NUMBER IL

1LD062478516

GENERATOR IEPA I.D. NUMBER

0316085026

COMMENTS:

DID NOT HAVE FULL DRUM TO SHIP.
WILL NOT TAKE LESS THAN FULL
DRUM.

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
1988 GENERATOR ANNUAL HAZARDOUS WASTE REPORT

GENERATOR USEPA I.D. NUMBER

GENERATOR IEPA I.D

1LD 062478516

0316085026

WASTE MINIMIZATION

a. Efforts taken to implement waste minimization include: (Indicate all that apply)

YES ☒ NO

Did you create or expand a source reduction or recycling program in 1988?

YES ☒ NO

Do you have a written policy outlining goals, objectives, and methods for source reduction?

YES ☒ NO

Do you have an employee training program or provide incentives to identify and implement source reduction and recycling opportunities and activities?

YES ☒ NO

Did you conduct a source reduction and/or recycling opportunity assessment or audit in 1988?

YES ☒ NO

Have you requested or received technical information from the Illinois Environmental Agency on source reduction and/or recycling practices?

☒ YES ☐ NO

Would you be interested in having technical information sent to you?

Due to waste minimization, what percent reduction was achieved (over that which was achieved in 1987) in 1988? 100 %

b. What factors have delayed or prevented implementation of source reduction and/or recycling of your wastes? (Check all that apply)

- ☐ 1. Insufficient capital to install new equipment or to implement new practices.
- ☒ 2. Lack of technical information on source reduction and/or recycling techniques.
- ☒ 3. Source reduction and/or recycling is not economically feasible.
- ☐ 4. Product quality might decline as a result of either source reduction and/or recycling.
- ☐ 5. Technical limitations.
- ☐ 6. Permitting burdens.
- ☐ 7. Unable to identify a market for recyclable materials.
- ☐ 8. Other, explain: _____

**ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
1988 GENERATOR ANNUAL HAZARDOUS WASTE REPORT**

FOR AGENCY USE

L|P|H|W|C|

CARD 5|0|

TRANS A|

0|2|/2|8|/8|9|

GENERATOR USEPA I.D. NUMBER

GENERATOR IEPA I.D. NUMBER

1LD 062478516

03116085026

Complete one of these pages for each Facility utilized during the year. All facilities in or out of state receiving hazardous waste generated in Illinois have a USEPA and a IEPA I.D. Number. Obtain this information from the facility or from your manifest.

FACILITY USEPA I.D. NUMBER

FACILITY IEPA I.D. NUMBER

FACILITY NAME

A/C PHONE

ADDRESS

CITY

STATE

ZIP

LINE NO	DESCRIPTION OF WASTE (MED OR)					HAZARDOUS WASTE CODE	AMOUNT (gals only)	DENSITY (lbs/gal)	Frequency Generator
0 0 0 1	Soil	Solid	Liquid	Lab Pack	Sludge				One-Time
									Recurr
0 0 0 2	Soil	Solid	Liquid	Lab Pack	Sludge				One-Time
									Recurr
0 0 0 3	Soil	Solid	Liquid	Lab Pack	Sludge				One-Time
									Recurr
0 0 0 4	Soil	Solid	Liquid	Lab Pack	Sludge				One-Time
									Recurr
0 0 0 5	Soil	Solid	Liquid	Lab Pack	Sludge				One-Time
									Recurr
0 0 0 6	Soil	Solid	Liquid	Lab Pack	Sludge				One-Time
									Recurr
0 0 0 7	Soil	Solid	Liquid	Lab Pack	Sludge				One-Time
									Recurr
0 0 0 8	Soil	Solid	Liquid	Lab Pack	Sludge				One-Time
									Recurr

**ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
1990 GENERATOR ANNUAL HAZARDOUS WASTE REPORT**

For Agency use	LPHWC	CARD 20	TRANS A	022891
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GENERATOR USEPA I.D. NUMBER GENERATOR IEPA I.D. NUMBER

11LD062479516 0316085026

GENERATOR COMPANY NAME: OPTIMUS, INC. d4

MAILING ADDRESS: 161 E. GRAND AVE., CHICAGO, IL 60611
STREET CITY/STATE ZIP

LOCATION WASTE GENERATED: 161 E. GRAND AVE., CHICAGO 60611
STREET CITY ZIP

CONTACT PERSON: REBECCA ALBRECHT (312) 321-0880
NAME A/C PHONE

GENERATOR SIC CODE: 4899

NON-REGULATED STATUS If your company was not regulated during 1990, circle the numeric code (1-5) that describes your non-regulated status during the entire year AND circle the code for the time period this status is expected to apply (6-8). Sign and date this form and attach comment page before mailing.

- a. ☒ **1** NO HAZARDOUS WASTE SHIPPED OFF-SITE
☐ **2** SMALL QUANTITY GENERATOR (Did not generate more than 1000 kg of hazardous waste (or 1 Kg acutely hazardous waste) in any month or accumulate 6000 kg hazardous waste for more than 180 days or more than 270 days for waste transported to a facility over 200 miles away.)
☐ **3** FARMING OR OTHER OPERATIONS EXEMPT UNDER 35 Ill. Adm. Code 721.104
☐ **4** EXEMPT UNDER 35 Ill. Adm. Code 721.106
☐ **5** CLOSED (Prior to 1/1/90) and no waste was shipped off-site
- b. ☒ **6** FOR 1990 ONLY, explain in comment section
☐ **7** PERMANENTLY, explain in comment section
☐ **8** OTHER, explain in comment section

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MAR 15 1991

IEPA-DLPC

REGULATED STATUS If your company does not qualify for non-regulated status it is regulated for 1990. You must complete the entire report including Page 1 (Generator Information), Page 2 (Comments), Page 3 (Waste Minimization), Page 4 (Transportation Services) and Page(s) 5, 6, 7, etc. (Facility Information).

This Agency is authorized to require this information under Illinois Revised Statutes, 1981, Chapter 81-1/2, Sections 1004 and 1021(1)(2). Disclosure of this information is required. Failure to do so may result in a civil penalty up to \$25,000 for each day the failure continues, a fine up to \$1,000,000 and imprisonment up to 5 years. This form has been approved by the Forms Management Center.

CERTIFICATION I certify under penalty of law that I have personally examined, and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

REBECCA ALBRECHT, VIDEO BUSINESS SUPERVISOR Rebecca Albrecht 3/13/91
PRINT TYPE NAME TITLE SIGNATURE DATE

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
1990 GENERATOR ANNUAL HAZARDOUS WASTE REPORT

GENERATOR USEPA I.D. NUMBER IL

JD062478516

GENERATOR IEPA I.D. NUMBER

0316085026

COMMENTS

DID NOT HAVE FULL DRUM TO SHIP.

DLPC RECORDS UNIT
Microfilm Code Sheet

ID Number

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Name

O	P	T	I	M	U	S													

File Division

7	0
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Permit or Federal ID Number

I	L	0	0	6	2	4	7	8	5	1	6
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Cross-reference Information

IL 532 1377
ISD 1268 6/87

Printed on Recycled Paper

ILD062478516 0316085026
OPTIMUS INC.
161 E GRAND AVE.
CHICAGO, IL 60611

ILLINOIS Environmental Protection Agency
1991 Hazardous Waste Report
Form IC -- Identification and Certification

Instructions for this form found on pages 6 - 12.

This form must be completed for the location shown on the above label. If you need additional forms for other locations, call EPA.

Sec. I -- Generator Status

A. RCRA Generator Status (Enter one code)

FOR AGENCY USE

- ☒ 1 = LOG
2 = SQG Skip to Box C
3 = CESQG
4 = Nongenerator (Continue to Box B)

___ IC
___ Others
___ Edit Letter
___ Corrected

B. Reason for not generating (Check all that apply) N/A

- ☐ Never generated
☐ Out of business
☐ Only excluded or delisted waste generated
☐ Only non-hazardous waste generated
☐ Periodic generator, none in reporting year
☐ Waste minimization activity
☐ Other (Specify in comments box)

1 = Status is expected to be the same next year and following year. 2 = Status is expected to change next year.

Section II. Enter the SIC Code(s) for this location.

7 8 1 2 N/A N/A N/A

Section III. On-Site Waste Management Status (enter one code for each question)

- A. ☒ RCRA regulated (permitted or interim status) storage
B. ☒ RCRA permitted or interim status treatment, disposal, or recycling
C. ☒ RCRA exempt treatment, disposal, or recycling

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JAN 21 1992

EPA-DLPC

Section IV. Waste minimization activity during this reporting year (Enter Y [Yes] or N [No] for questions A-D)

- A. ☒ Did this site begin or expand a source reduction activity this year?
B. ☒ Did this site begin or expand a recycling activity this year?
C. ☒ Did this site systematically investigate opportunities for source reduction or recycling?
D. Did any of the factors listed below delay or limit this site's ability to initiate new or additional source reduction or on-site or off-site recycling activities this year; if yes, enter Y below.

S. Reduc. Recyc.

- ☐ Insufficient capital to install new source reduction equipment or implement new source reduction practices
☐ Lack of technical information on techniques applicable to the specific production processes
☒ Not economically feasible: cost savings in waste management or production will not recover the capital investment
☒ Concern that product quality may decline as a result
☐ Permitting burdens
☐ Previously implemented -- additional reduction/recycling does not appear to be technically feasible
☐ Previously implemented -- additional reduction/recycling does not appear to be economically feasible
☐ Previously implemented -- additional reduction/recycling does not appear to be feasible due to permitting requirements
☒ Technical limitations of the production processes
☐ Requirements to manifest wastes inhibit shipments off site for recycling
☐ Financial liability provisions inhibit shipments off site for recycling
☐ Technical limitations of production processes inhibit shipments off site for recycling
☐ Technical limitations of production processes inhibit off-site recycling
☐ Lack of permitted off-site recycling facilities
☐ Unable to identify a market for recyclable materials
☐ Other (Specify in Comments box)

Sec. V. This Agency is authorized to require this information under Revised Statutes, 1981, Chapter III-1/2, Sections 1004 and 1021 (f)(2). Disclosure of this information is required. Failure to do so may result in a civil penalty up to \$25,000 for each day the failure continues, a fine up to \$1,000,000.00 and imprisonment up to 5 years. This form has been approved by the Forms Management
CERTIFICATION I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of these individuals, immediately responsible for obtaining the information, I believe that the submitted information is true, accurate and complete. I am aware that there are significant penalties for false information, including the possibility of fine and imprisonment.

A. Please print: Last Name Albrecht First Name Rebecca B. Title Environmental Coordinator
C. Signature Rebecca A. Albrecht D. Date of signature 1/27/92

COMMENTS: ___ Enter Y (Yes) if you have comments regarding this page and attach extra sheet.

Page 0001 of 3

PROG: LPARMD10
LIST: LPARPD10

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF LAND POLLUTION CONTROL
1991 ANNUAL REPORT
ERROR LISTING

PAGES: 117
TIME: 20:28:19
DATE: 66-22-92

USEPA-ID	PAGE	FORM	TRAN	WASTE-CODES	SIC	ORIGIN	SYS	SOURCE-CODES	POINT	WASTE	RAD-ACT	TRI
USEPA-ID	NR	CODE	CODE	1 2 3 4 5	CODE	CODE	TYPE	1 2 3	MEASURE	FORM	MIXTURE	
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-----OFF-SITE-SYSTEMS-MANAGED-----												
CAS)-CHEMICAL-ABSTRACT-SYSTEM				PREV-YR-QTY	ON-SITE-SYSTEMS-MANAGED	QUANTITY	SHIP	USEPA-ID	TYPE	AVAIL	QUANTITY	
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-----VEN-ACTIVITY-MINIMIZATION-RESULTS-----												
IND ACTIVITY-CODES				OTHER RECYCLED-QTY	INDEX	SRC-RED-QTY	OFF-SHIP	ON-STOR	CURR-Q-PREV-YR	COMMENT	ERROR	ENTER
IND ACTIVITY-CODES				OTHER RECYCLED-QTY	INDEX	SRC-RED-QTY	OFF-SHIP	ON-STOR	QTY-STORE-ONSITE	INDICATOR	FLAG	DATE
Y	W02	W24	W31	N	110.0	0.0	0.0	Y	N	C.0	N	A
920622												

1214: ERROR, SYSTEM TYPE ENTERED, ORIGIN-CODE MUST = 5
1246: ERROR, VERIFY OFF-SITE SYSTEM TYPE (NOT IN COM TABLE RANGE)

PAGE: 06
TIME: 20:06:22
DATE: 10-27-92

USEPA-ID	PAGE NR	FORM CODE	TRAN CODE	EPA-ID	-----WASTE-CODES-----					SIC CODE	ORIGIN CODE	SYS TYPE	SOURCE-CODES			POINT MEASURE	WASTE FORM	RAD-ACT MIXTURE	TRI
					1	2	3	4	5				1	2	3				
IL0062475515	0002	GM	C	0116035026	F001					7312	1		A05			1	B201	2	1

(CAS)-CHEMICAL-ABSTRACT-SYSTEM			PREV-YR-S-		ON-SITE-SYSTEMS-MANAGED		-----OFF-SITE-SYSTEMS-MANAGED-----					
1 6 4	2 6 5	2	UGM	DENSITY	CURR-YR-QTY	TOP TYPE	QUANTITY	SHIP	USEPA-ID	TYPE	AVAIL	QUANTITY
			1	10.91	0.0	N	0.0	Y	1L0000819938	M141	1	110.0
					110.0		0.0					0.0

NEW ACTIVITY-MINIMIZATION-RESULTS					>90-DAYS-AT-YR		CURR-L-PREV-YR		COMMENT	ERROR	ENTER	PREVIOUS	
IND	ACTIVITY-CODES	OTHER	RECYCLED-JTY	INDEX	SRC-RED-QTY	OFF-SHIP	ON-STOR	QTY-STOR	ONSITE	INDICATOR	FLAG	DATE	CHANGE DATE
	424 W31				0.0								
Y	W32 W24 W31	N	110.0	0.0	0.0	Y	N		0.0	N	A	920622	

ADDITION: ERROR, NEW-ACTIVITY-SOURCE-REDUCTION-QUANTITY NOT NUMERIC OR NOT GREATER THAN ZEROES

ILLINOIS

ILLINOIS

VOLUME ONE

NORTH AND WEST DIVISION

PUBLISHED BY THE

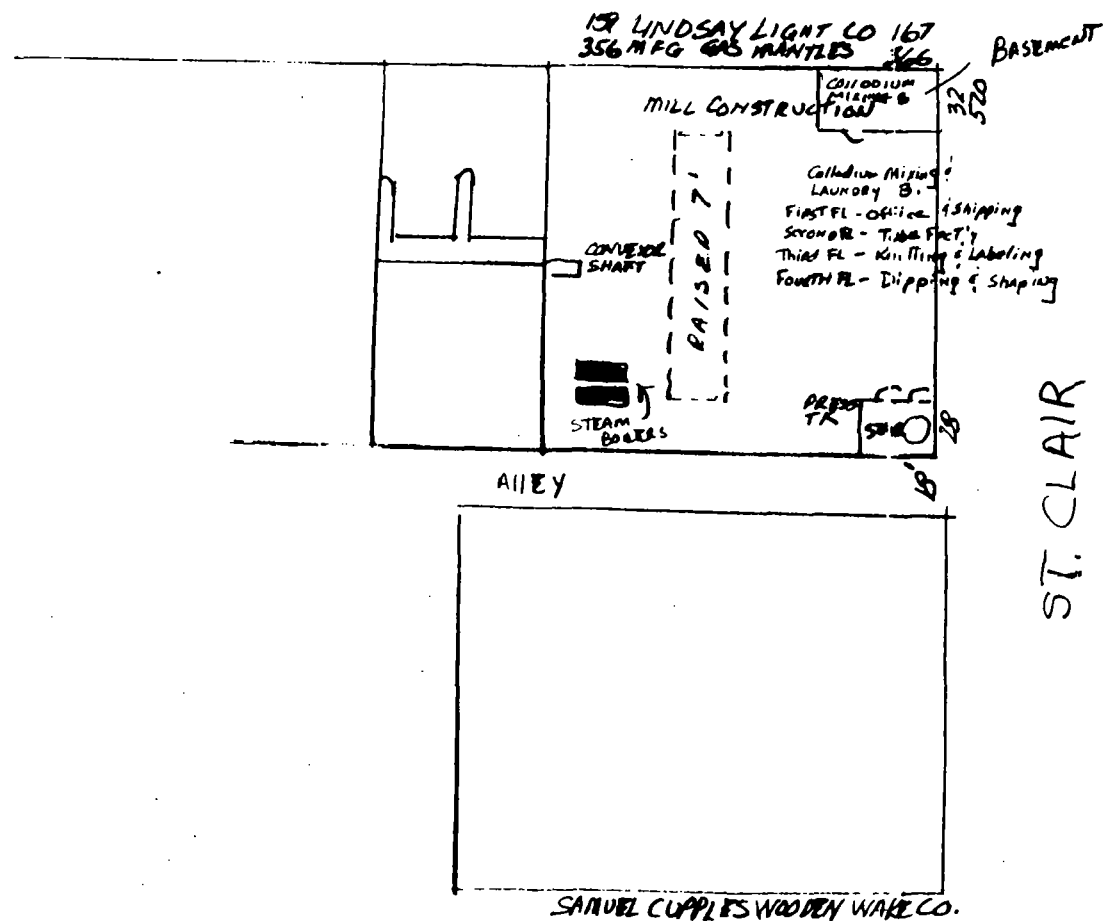
SANBORN MAP COMPANY

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E. INDIANA



Chicago Historical Society

SANBORN

VOL. I

CHICAGO

North & West Divs.

E. ILLINOIS

1906 (REVISED 1911)

Leather Goods—Cont'd

- Quality Leather Goods Co., 1213 W. Van Buren St.
Manufacturers ladies' leather goods, novelties, etc.
- Reliable Leather Goods Co., 327 S. Market St.
Wholesale ladies' leather hand bags and novelties.
- Rogers, E. D., Co., 27 E. Monroe St.
Wholesale leather and fancy goods.
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Manufacturers gift specialties, advertising novelties, souvenirs, premiums and counter display cases.

Ledgers

See Bank Books, also Loose Leaf Systems and Supplies, also Office Supplies and Appliances, also Stationery.

Leggings and Overgaters

- *Clark, Chas. F., Inc., 1403 W. Congress St.
Manufacturers leggings, puttees, gymnasium shoes, golf bags and spats.
- Manolis Manufacturing Co., 4248 N. Crawford Ave.
Mfrs. men's and ladies' spats, shoe buckles, leather and ribbon bows.

Lenses

See Automobile Lamps, Lights and Lenses, also Optical Goods, also Photographic Supplies.

Lighting Fixtures

See also Electric Supplies, also Glassware, Lighting and Illuminating, also Reflectors.

- Abco Mfg. Co., 1633 Walnut St.
Lighting fixtures, lamps, art glass and wrought iron products.
- *Beardslee Chandelier Mfg. Co., 216 S. Jefferson St.
Wholesale public and private lighting equipment in brass, bronze and iron.
- *Benjamin Elec. Mfg. Co., 120 S. Sangamon St.
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- Central Chandelier Co., 2522 N. Cicero Ave.
Manufacturers.
- Central Lighting Fixture Co., 169 W. Lake St.
Wholesale lighting fixtures for electrical use.
- Cincinnati Artistic Wrought Iron Works, 666 Lake Shore Drive.
Sales office wrought iron lighting fixtures.
- *Crest Co., The, 501 W. 35th St.
Manufacturers lighting fixtures and lamps.
- *Curtis Lighting, Inc., 1119 W. Jackson Blvd.
Retail lighting fixtures for store, show case, window display, etc.
- Edwards Lighting Fixture Co., 20 E. Lake St.
Wholesale.

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- Framburg, H. A., & Co., 3320 Carroll Ave.
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- General Lighting Fixture Co., 416 N. Dearborn St.
Wholesale.
- *Herwig Company, The, 1757 N. Sedgwick St.
Manufacturers cast iron and solid bronze outdoor lighting fixtures.
- Illuminating Mfg. Corporation, 17 S. Clinton St.
Wholesale lighting fixtures of all kinds.
- *Incandescent Supply Co., 160 W. Lake St.
Wholesale electric supplies.
- *Lighting Specialties Co., 740 W. Adams St.
Wholesale commercial and industrial lighting equipment.
- *Lindsay Light Co., 161 E. Grand Ave.
Manufacturers gas mantels and electric fixtures; thorium nitrate, rare earths.
- Marshfield Lamp & Brass Mfg. Co., 1742 Haddon Ave.
Chandeliers and lamps, spinings in all sizes and material.
- Moran & Hastings Mfg. Co., 567 W. Lake St.
Lighting equipment for homes, churches, offices and public buildings.
- Moran & Macnair, 3830 Sheffield Ave.
Manufacturers lighting fixtures for residences, stores, churches, schools, etc.
- *Nagel-Chase Mfg. Co., The, 2811 N. Ashland Ave.
Manufacturers of lighting fixtures.
- National Diffused Light Corp., 205 W. Wacker Drive.
Wholesale and retail.
- *Pearlman, Victor S., & Co., 533 S. Wabash Ave.
Wholesale electric fixtures, table and floor lamps, bric-a-brac, etc.
- Quadrangle Mfg. Co., 32 S. Peoria St.
Lighting units, porcelain enameled reflectors, kitchen units and bathroom brackets.
- *Reflector & Illuminating Co., 1417 Jackson Blvd.
Manufacturers sterling silvered glass reflectors and other lighting specialties.
- *Samson, M. H., Fixture Co., 63 W. Lake St.
Manufacturers.
- *Solar Illuminating Co., 718 W. Washington Blvd.
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- *Warren, Walter G., & Co., 363 E. Ohio St.
Manufacturers.
- *Williamson, R., & Co., Inc., 36 N. Jefferson St.
Wholesale electric light fixtures.

Lighting Plants

- *Stover Company, 445 E. Erie St.
Manufacturers light plants and mechanical refrigerators.

Lighting Rods

- Electra Manufacturing Co., Inc., 606 N. Oakley Blvd.
Mfr., whse. and rtl., lightning rods.

Lime

- *Chicago Union Lime Works Co., 1900 W. 19th St.
Manufacturers lime and crushed stone.
- *Marblehead Lime Co., 160 N. La Salle St.
Manufacturers calcium lime and limestone products.
- *Rockwell Lime Co., 228 N. La Salle St.
Wholesale building materials and lime.

Directory of
ILLINOIS MANUFACTURERS



Edited by PRUDENCE M. WALKER

Published by
ILLINOIS MANUFACTURERS'
ASSOCIATION
CHICAGO - ILLINOIS

TOWNS

DIRECTORY OF ILLINOIS MANUFACTURERS

CITIES

Lightning Coin Changer Co.
34 W. Lake St.
(Sub. Typewriter Emporium.)
Invested Capital: \$50,000.
Employees: Male, 30.
Coin Changers.

Lillienthal & Berman.
302 S. Market St.
Partner, M. Lillienthal.
Partner, R. Berman.
Invested Capital: \$100,000.
Cloaks & Suits.

Lillienfeld Bros. & Co.
24 W. Jackson Blvd.
Pres., Edward D. Lillienfeld.
Sec., Eugene W. Lillienfeld.
Invested Capital: \$150,000.
Cigars.

Limousine Carriage Mfg. Co.
2515 S. Michigan Ave.
Pres., Daniel W. Volz.
Sec.-Treas., Daniel J. Hammel.
Invested Capital: \$50,000.
Auto Bodies.

Lin

Lincoln Bottling Co.
4343 N. Central Park Ave.
Invested Capital: \$40,000.
Beverages.

Lincoln Brass & Spinning Wks.
3262 W. Grand Ave.
Pres., Fred W. Gehrer.
Sec.-Treas., Herbert W. Bye.
Invested Capital: \$20,000.
Metal Specialties.

Lincoln Hand Laundry.
5435 Broadway.
Owner, J. W. McLaughlin.
Invested Capital: \$86,410.40.
Employees: Male 10; Female 40.
Laundry.

Lincoln Ice Co.
325 N. Elizabeth St.
Pres., John F. Maginnis.
Sec., Thos. B. Maginnis.
Invested Capital: \$500,000.
Ice.

Lincoln Pickling & Preserving Co.
1921 Osgood St.
Pres.-Treas., Geo. A. Mueller.
Invested Capital: \$10,000.
Pickles, Preserves.

Lincoln Printing Co.
732 Sherman St.
Printers.

The Lincoln-Ringley Co.
501 Plymouth Ct.
Printers.

Lincoln Tailoring Co.
911 W. Jackson Blvd.
Pres., I. Greenhouse.
Sec.-Treas., M. Steinmann.
Invested Capital: \$35,000.
Tailors to the Trade.

Henry Lindahl Machine Co.
954 W. Lake St.
Pres.-Treas., Henry Lindahl.
V. P., Fred H. Lindahl.
Sec.-G. M., Harold A. Lindahl.
Invested Capital: \$50,000.
Employees: 15.
Pulleys, Power Trans. Appliances.

Alfred Lindell & Co.
102 N. Fifth Ave.
Printers.

Lindeman Harp Co.
1934 S. Hamlin Ave.
Prop., C. A. Lindeman.
Employees: Male 6.
Harps.

Linden Bros. Inc.
701-3 S. LaSalle St.
Printers & Publishers.

Linden Laundry.
411 N. Laramie St.
Laundry.

H. M. Lindenthal & Sons.
411 S. Market St.
Pres., H. M. Lindenthal.
V. P., Sol Lindenthal.
Sec., Louis Lindenthal.
Treas., Wm. Lindenthal.
Invested Capital: \$200,000.
Employees: Male 400; Female 300.
Young Men's Clothes.

Lindgren Bros.
860 Wells St.
Laundry.

Lindsay Light Co.
161 E. Grand Ave.
Pres., Jos. M. Sherburne.
V. P., Herbert N. McCoy.
Sec.-Treas., Otto N. Berndt.
Invested Capital: \$1,000,000.
Employees: 310.
Gas Mantels, Thorium Nitrate, Chemicals, Dyes.

DIRECTORY OF ILLINOIS MANUFACTURERS

CHAIRS—UPHOLSTERED— Continued

Chicago Upholstered Furniture Co.
(See Display Advertisement), 540 N.
Cicero Ave., Chicago.
DeMoulin Bros. & Co., Greenville.
Enterprise Parlor Furniture Co., 2321
W. Huron St., Chicago.
Fenske Bros., 1666 McHenry St., Chi-
cago.
Hauske & Co., August, 869 Weed St.,
Chicago.
Hoffman Co., 2817 N. Ashland Ave Chi-
cago.
Illinois Parlor Furniture Co., 3699 Lin-
coln Ave., Chicago.
Karpen & Bros., S., 636 W. 22nd St.,
Chicago.
Kroehler Mfg. Co., Naperville.
Mallen & Co., H. Z. (See Display Ad-
vertisement), 846 St. Johns Ct., Chi-
cago.
Nat'l Rocker & Chair Co., 1142 N.
Campbell Ave., Chicago.
Pfund Bros. Mfg. Co., Lincoln.
Pullman Couch Co., 3759 S. Ashland
Ave., Chicago.
Rockford Upholstering Co., Rockford.
Royal Parlor Furniture Co., 1804 N.
Leavitt St., Chicago.
Valentine-Seaver Co., 1721 Sedgwick
Ave., Chicago.
Zangerle & Peterson Co., 2164 Cly-
bourn Ave., Chicago.

CHAMBER SUITES

Balkwill & Patch Furniture Co., 1000
Fullerton Ave., Chicago.
Chicago Reedware Mfg. Co., 780 Mil-
waukee Ave., Chicago.
DeLuxe Furniture Co., 666 N. Green
St., Chicago.
Freese & Sons Co., J. D., 2501 Homer
St., Chicago.
Hanson Co., Louis (See Display Ad-
vertisement), 1500 N. Kostner Ave.,
Chicago.
Hillemann, Geo., Altamont.
Horn Bros. Mfg. Co., 1144 W. Superior
St., Chicago.
Imperial Furniture Co., Rockford.
Johnson & Sons Furniture Co., A. J.,
927 N. Wood St., Chicago.
Jorgenson Furniture Co., 15 S. Racine
Ave., Chicago.
Olbrich & Golbeck Co., 355 N. Ash-
land Ave., Chicago.
Rockford Cabinet Co., Rockford.
Rockford Chair & Furniture Co.,
Rockford.
Windsor Furniture Co., 1420 Carroll
Ave., Chicago.

CHECK PROTECTORS

Checkometer Co., 431 S. Dearborn St.,
Chicago.
Crescent Mfg. Co., 771 Mather St.,
Chicago.
Hedman Mfg. Co., 227 W. Erie St.,
Chicago.

CHEMICAL MACHINERY

Central Scientific Co., 460 E. Ohio St.,
Chicago.
Drying Systems, 11 S. DesPlaines St.,
Chicago.
Gordon Dryer Corp., 208 S. La Salle
St., Chicago.
Lasker Iron Works, 3201 S. Lincoln
St., Chicago.
Sperry & Co., D. R., Batavia.
Swenson Evaporator Co., 53 W. Jack-
son Boul., Chicago.

CHEMICALS—HEAVY

Alba Manufacturing Co., Aurora.
American Maize Products Co., 111 W.
Monroe St., Chicago.
American Tar Products Co., 208 S. La
Salle St., Chicago.
American Wood Preserving Co., 1345
N. Branch St., Chicago.
Armour Ammonia Works, 1355 W. 31st
St., Chicago.
Armour Fertilizer Works, 209 W. Jack-
son Boul., Chicago.
C. C. Chemical Co., 4301 W. Kinzie
St., Chicago.
Carus Chemical Co., Inc., La Salle.
Central Chemical Co., 111 W. Washing-
ton St., Chicago.
Central Commercial Co., 111 N. Mar-
ket St., Chicago.
Central Products Co., Inc., 1353 N.
Wells St., Chicago.
Champion Chemical Works, 19 W. Aus-
tin Ave., Chicago.
Chicago Carbonic Gas Co., 912 W.
Superior St., Chicago.
Chicago Copper & Chemical Co., 111
W. Jackson Boul., Chicago.
Chlorine Products Co., 28 N. Market
St., Chicago.
Coal Products Mfg. Co., Joliet.
Condensed Bluing Co., 66-68 E. So.
Water St., Chicago.
Consolidated Chemical Products Co.,
Alton.
Cudahy Packing Co., 111 W. Monroe
St., Chicago.
Cymol Chemical Co., Mt. Vernon.
Darling & Co., 4201 S. Ashland Ave.,
Chicago.
Dearborn Chemical Co., 332 S. Mich-
igan Ave., Chicago.
Dearborn Supply Co., 5 N. La Salle
St., Chicago.

CHEMICALS—HEAVY—Continued

Electrox Co., Peoria.
 Fansteel Products Co., North Chicago.
 Gardner-Barada Chemical Co., 3123
 Bloomingdale Rd., Chicago.
 Garrigues Co., Chas. F. (See Display
 Advertisement), 10 S. La Salle St.,
 Chicago.
 Garrigues Industrial Products Corp.,
 10 S. La Salle St., Chicago.
 General Chemical Co., 112 W. Adams
 St., Chicago.
 Grasselli Chemical Co., East Chicago.
 Hasburg, Jno. W., 1119 N. La Salle
 St., Chicago.
 Hiff-Bruff Chemical Co., Hoopeston.
 Illinois Steel Co., 208 S. La Salle St.,
 Chicago.
 Indiana Dye & Chemical Co., Ham-
 mond, Ind.
 International Chemical Co., 3140 S.
 Canal St., Chicago.
 Jobbins, Inc., Wm. F., Aurora.
 L'Hommedieu & Sons Co., Chas. F.,
 4521 Ogden Ave., Chicago.
 Lindsay Light Co., 161 E. Grand Ave.,
 Chicago.
 McAdams Co., Charles, 3167 Cottage
 Grove Ave., Chicago.
 McMorran & Co., Edw. E., 126 N. Union
 St., Chicago.
 Mephram & Co., Geo. S., East St. Louis.
 Midland Chemical Co., Argo.
 Monroe Drug Co., Quincy.
 Monsanto Chemical Works, East St.
 Louis.
 Perolin Co. of America, 122 S. Michi-
 gan Ave., Chicago.
 Peroxide Chemical Co., Carbondale.
 Phospho-Albumen Co., 729 E. 39th St.,
 Chicago.
 Redmanol Chemical Product Co., 636
 W. 22nd St., Chicago.
 Rhodes & Co., Jas. H., 153 W. Austin
 Ave., Chicago.
 Schundler, F. E., Joliet.
 St. Louis Coke & Chemical Co., Gran-
 ite City.
 Superior Chemical Co., Joliet.
 Swift & Co., Union Stock Yards, Chi-
 cago.
 Thoene Barth Chemical Co., East St.
 Louis.
 U. S. Industrial Alcohol Co., 38 S.
 Dearborn St., Chicago.
 Valley Chemical & Mfg. Co., 111 N.
 Market St., Chicago.
 Van Schaack Bros. Chemical Co., 3358
 Avondale Co., Chicago.
 Victor Chemical Works, 343 S. Dear-
 born St., Chicago.
 Vitri-fy Co., 2526 W. Congress St.,
 Chicago.
 Western Cartridge Co., Alton.

CHEMISTS—ANALYTICAL

Indiana Laboratories Co., Hammond,
 Indiana.
 Kawin Co., Charles C., 431 S. Dearborn
 St., Chicago.

CHIMNEY BUILDERS

Heine Chimney Co., The, 123 W. Mad-
 ison St., Chicago.
 Singer Chimney Co., 53 W. Jackson
 Boul., Chicago.

CHINA—VITREOUS SPECIALTIES

Abingdon Sanitary Mfg. Co., Abingdon.

CHINAWARE

Advance Terra Cotta Co., Chicago
 Heights.
 Illinois China Co., Lincoln.
 K. B. H. American China Co., 5210
 Norwood Park Boul., Chicago.

CHURNS

Dobson Mfg. Co., Rockford.
 Kohler Die & Specialty Co., DeKalb.
 McDermaid Co., J., Rockford.
 Novelty Mfg. Co., Abingdon.
 Sturges & Burn Mfg. Co., 508 S. Green
 St., Chicago.

CIGARS

Achenbach-Momper Co., Joliet.
 Alego & Co., W. D., 1635 W. Van Buren
 St., Chicago.
 Alpiner & Son, Kankakee.
 Baders' Smoke House, Quincy.
 Ball Bros., Springfield.
 Barblian Bros., McHenry.
 Barron Bros., 1911 W. Van Buren St.,
 Chicago.
 Baylor, S. C., Galesburg.
 Beam-Dean Company, Canton.
 Becherer, Herman, Kankakee.
 Beck, Charles, Belleville.
 Benner Bros., 653 Willow St., Chicago.
 Benzing, Carl, Blue Island.
 Berndt & Son, Otto, 1904 Burling St.,
 Chicago.
 Biesman & Son, Geo. C., Galena.
 Big Hit Cigar Factory, Danville.
 Bode Bros., Cairo.
 Booster Cigar Co., Indiana Harbor,
 Indiana.
 Brandl, Wm., 2957 Normal Ave., Chi-
 cago.
 Bridgman, H. A. Paris.
 Brockman, Wm. F., Jerseyville.
 Broeker Cigar & Tobacco Co., Cen-
 tralia.
 Bruski, John C., 1054 W. Randolph
 St., Chicago.
 Burgessier Cigar Co., Clayton.
 Calumet Cabinet Cigar Co., 3102 E.
 92nd St., Chicago.

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- *Rockwell Lime Co., 228 N. La Salle St.
Wholesale building materials and lime.

Dated February 3rd 1919.

(Genuine Signatures)
Harlan G. Simmons)
W.B. Simmons)
Albert W. Weeghman)
Alex E. Swanson) Subscribers.
Andrew B. Brandes)
W.J. Henderson)
Chas P. Henning)
Walter M. Young)
E. Norman Boydges)
Calvin D. Webb)
Chas R. Edwards)
Chas H. Zekel)

That said subscribers met at the time and place specified and proceeded to elect Directors and that the following persons were duly elected for the term of one year to-wit:

Albert W. Weeghman
Harlan G. Simmons
Chas R. Edwards
Chas H. Zekel
Calvin D. Webb

And that the postoffice address of the business office of said Company is at Number-West Washington Street in the City of Chicago in the County of Cook and State of Illinois.

Albert W. Weeghman)
Charles P. Kerning) Commissioners.
Harlan G. Simmons)

State of Illinois) ss

County of Cook) On this 3rd day of February A.D. 1919 personally appeared before

me a Notary Public in and for said County in said State Albert W. Weeghman, Harlan G. Simmons and Charles P. Kerning and made oath that the foregoing report by them subscribed is true in substance and in fact.

(Seal)

Guy H. Powell Notary Public

W- No. 6461042.

Filed for Record Feb 6 A.D. 1919 at 3:14 P.M.

JOSEPH J. HAAS, RECORDER.

State of Illinois) ss
County of Cook)

We hereby certify that at the regular annual meeting of the stockholders of the Lindsey Light Company, duly called and held pursuant to notice given in the manner provided by law, at the office of said Company, 161 East Grand Avenue, Chicago, Illinois, on Tuesday the 21st day of January A.D. 1919 at the hour of four o'clock P.M. at which time stockholders representing more than two-thirds of the entire capital stock of the corporation were present, the following resolution was unanimously adopted:

Resolved, that the object for which this corporation is formed be and the same is hereby enlarged or changed by adding the following:

To make, sell and deal in or with chemicals, chemical compounds, and chemical products and by-products of all kinds, organic and inorganic; to recover, obtain, treat and refine, and deal in or with all kinds of metallic and minerals and the products and

processes and methods for making and compounding chemicals and chemical products and by-products and to treat all kinds of metals and minerals and their products and by-products, to own, lease and deal in or with patents and other exclusive rights and privileges pertaining to chemicals, minerals, metals and other products and articles of manufacture, and to do a general manufacturing business. More than two-thirds of the total capital stock of the corporation being present at the meeting and voting in favor of the adoption of said resolution.

In witness whereof, we have hereunto set our hands and affixed

the seal of the corporation this 3rd day of February A.D. 1919.

Lindsey Light Company
Corporate Seal
Chicago, Ill.

Geo P. Gilman, President
H.G. Baxter, Secretary

State of Illinois)
:ss

County of Cook) George P. Gilman, being first duly sworn, on oath says that

he is the President of the corporation mentioned in the foregoing certificate and that the statements therein made are true in substance and in fact.

In Witness Whereof I have hereunto set my hand and caused the seal of said corporation to be affixed this 3rd day of February A.D. 1919.

Geo P. Gilman

Subscribed and sworn to before me this 3rd day of February

A.D. 1919.

L.H. Hansen
Notary Public
Cook County Ill.

L.H. Hansen
Notary Public

5- No. 6461043.

Filed for Record Feb 6 A.D. 1919 at 3:14 P.M

JOSEPH P. HAAS, RECORDER.

Certificate of Election of Trustees.

To Whom it May Concern

This certifies, that on the day of the date hereof, at a regular meeting of McKinley Park, Lodge No. 319 of the Independent Order of Odd Fellows of the State of Illinois, located at 35th & Wood Sts Chicago, in the County of Cook and being one of the Subordinate Lodges belonging to the Grand Lodge of the State of Illinois of the Independent Order of Odd Fellows, the following named persons were, by the said Subordinate Lodge, duly elected Trustees thereof, to continue in office as such for one year from January 1, 1919, and until their successors are elected to-wit: Alfred W. Keate, Joe Sheldon, John Hockett, Wm Rodgers, Jas Stuart.

Given under under hands and the seal of said Subordinate Lodge this 11th day of December A.D. nineteen hundred eighteen.

McKinley Park Lodge
No. 319 I.O.O.F.
Instd July 19, 15.
Chicago, Ill.

Clark D. Hooker, Noble Grand
Attest: Allen P. Stice, Secretary

21. Give the location of the principal places of business of the corporation for the following year and an estimate of the amount of business which will be transacted through each.

3149 W. Madison Street, Chicago, Cook County, Illinois.

The entire amount of business will be transacted through this office.

Hyman Freed,)
Hyman Shankman,)Incorporators.
Morris Lashinsky,)

State of Illinois, }
County of Cook, } SS.

I, Alfred E. Barr, a Notary Public, in and for the County and State aforesaid, do hereby certify that on the 27th. day of January, A. D. 1920, personally appeared before me Hyman Freed, Hyman Shankman and Morris Lashinsky, to me personally known to be the same persons who executed the foregoing and severally acknowledged that they executed the same for the purposes therein set forth, and that the foregoing statements made, subscribed and verified by them are true in substance and in fact.

In Witness Whereof, I have hereunto set my hand and seal the day and year above written.

Alfred E. Barr,
Notary Public,
Cook County, Illinois.

Alfred E. Barr,
Notary Public,

Filed Jan. 28, 1920. Louis L. Emerson, Secy of State.

19-----No. 6728392

Filed for Record Feb. 3, A. D. 1920, at 2.24 P. M.

JOSEPH F. HAAS, RECORDER.

Certificate Number 1232

State of Illinois

Office of The Secretary of State.

To all to whom these Presents Shall Come, Greeting:

Whereas, from a certificate duly signed and verified under oath filed in the Office of the Secretary of State, on the 28th. day of January, A. D. 1920 it appears that at a meeting of the stockholders of the Lindsay Light Company duly convened a resolution was passed to increase number of Directors in accordance with the provisions of an Act entitled "An Act In Relation To Corporations For Pecuniary Profit" approved June 28th. 1919, in force July 1, 1919, a copy of which certificate is hereto attached;

Now Therefore, I, Louis L. Emerson, Secretary of State of the State of Illinois, by virtue of the powers vested in me by law, do hereby certify that Lindsay Light Company has legally increased its number of Directors from 5 to 7 as provided in the aforesaid Act.

In Testimony Whereof, I hereto set my hand and cause to be affixed the Great Seal of the State of Illinois, Done at the City of Springfield this 28th. day of January, A. D. 1920 and of the Independence of the United States the one hundred and 44th.

Seal Of The State of Illinois

Louis L. Emerson,

Aug. 26th. 1818.

Secretary of State.

BOOK 276 PAGE

Quinn + Bid
3-11-20

THIS CERTIFICATE MUST BE FILED IN DUPLICATE.

State of Illinois,)
) SS.
 County of Cook,)

Paid Jan. 26, 1920

\$20.00 MS

I hereby certify that at a special meeting of the Stockholders of the Lindsay Light Company held on January 20, A. D. 1920, at Four o'clock P. M., pursuant to notice required by law, which said notice was delivered personally (or deposited in the post office properly posted) at least ten days before the time fixed for such meeting, properly addressed to each Stockholder, signed by a majority of the Directors of said Corporation, stating the time, place and object of such meeting.

The following resolution was adopted, at least two-thirds of all the votes represented by the whole stock of said Corporation issued and outstanding voting therefor:

Resolved, That the number of Directors of the Lindsay Light Company be and the same is hereby increased from Five (5) to Seven (7).

Lindsay Light Company,
 Corporate Seal,
 Chicago, Ill.

Otto N. Berndt,
 Secretary.

State of Illinois,)
) SS.
 County of Cook,)

I, Jos. M. Sherburne, being duly sworn, declare on oath that I am President of the Corporation mentioned in the foregoing certificate, and that the statements therein made are true in substance and in fact.

In Witness Whereof, I have hereunto set my hand, and caused the seal of said Corporation to be affixed, this 24th. day of January, A. D. 1920.

Jos. M. Sherburne, President.

Subscribed and sworn to before me this 24th. day of January, A. D. 1920.

L. M. Hansen,
 Notary Public,
 Cook County, Ill.

L. M. Hansen,
 Notary Public.

Filed Jan. 28, 1920. Louis L. Emmerson, Sec'y of State.

9-----No. 6729207

Filed for Record Feb. 4, A. D. 1920, at 11.35 A. M.

JOSEPH F. HAAS, RECORDER.

Certificate Number 2358

State of Illinois

Office of The Secretary of State

To all to whom these Presents Shall Come, Greetings:

Whereas, a Certificate, duly signed and acknowledged, has been filed in the Office of the Secretary of State, on the 27th. day of January A. D. 1920, for the organization of the Romans Pleasure And Athletic Club Of Chicago, under and in accordance with the provisions of "An Act Concerning Corporations" approved April 18, 1872, and in force July 1, 1872, and all acts amendatory thereof, a copy of which certificate is hereto attached;

Now Therefore, I, Louis L. Emmerson, Secretary of State of the State of Illinois, by virtue of the powers and duties vested in me by law, do hereby certify that the said Romans Pleasure And Athletic Club Of Chicago, is a legally organized Corporation under the laws of this State.

In Testimony Whereof, I hereto set my hand and cause to be affixed the Great Seal of the State of Illinois, Done at the City of Springfield this 27th. day of January, A.D. 1920,

BOOK 276 PAGE

225, W 58th St to 6304 Yale Ave Chicago Illinois.

Grant Window Shade Company
Corporate Seal Illinois
State of Illinois)

Attest: Arthur O Hange,
Secretary

County of Cook)

I John E Verkler being duly sworn, declare on oath that I am President
of the corporation mentioned in the foregoing certificate and that the
statements therein made are true in substance and in fact.

In Witness Whereof, I have hereunto set my hand and caused the seal of said corporation
to be affixed this 25th day of October A.D. 1922.

John E Verkler President

Subscribed and sworn to before me this Twenty-fifth day of October A.D. 1922.

John V Ryan
Notary Public
Cook County Ill.

John V Ryan
Notary Public

Filed Oct 27 1922 Louis L. Emerson, Secy of State

12. No. 7706010

Filed for Record Nov 6 A.D. 1922 at 1:47 P.M.

JOSEPH F HAAS REC ORDER.

Certificate Number 12113
State of Illinois
Office of the Secretary of State

To All to whom these presents shall come, Greeting:

Whereas, from a certificate duly signed and verified under oath filed in the Office of
the Secretary of State on the 3rd day of November A.D. 1922 it appears that at a meeting of
the stockholders of the Lindsay Light Company duly convened a resolution was passed to
increase capital stock in accordance with the provisions of an Act entitled "An Act in
Relation to Corporations for Pecuniary Profit" approved June 25 1919 in force July 1, 1919
and all acts amendatory thereof, a copy of which certificate is hereto attached.

Now Therefore, I, Louis L. Emerson, Secretary of State of the State of Illinois by virtue
of the powers vested in me by law, do hereby certify that Lindsay Light Company has legally
increased capital stock from \$1,000,000.00 to \$1,200,000.00 as provided in the aforesaid Act.

Seal of the State
of Illinois
Aug 26th 1818

In Testimony Whereof, I hereto set my hand and cause to be
affixed the Great Seal of the State of Illinois. Done at the
City of Springfield this 3rd day of November A.D. 1922 and of the
Independence of the United States the one hundred and 47th.

Louis L. Emerson Secretary of State

Form K

This certificate must be filed in duplicate.

Paid Nov 3 1922

Intl Fee \$120.00

Fran Tax \$75.00

Total \$195.00

State of Illinois)

County of Cook)

I hereby certify that at an adjourned special meeting of the stockholders
of the Lindsay Light Company held at 151 & Grand Ave Chicago Ill on the
3rd day of October A.D. 1922 at 4 o'clock P.M. pursuant to notice required by law, which said
notice was delivered personally (or deposited in the postoffice properly posted) at least ten
days before the time fixed for such meeting, properly addressed to each stockholder signed in
the manner provided in the by-laws of said corporation stating the time, place and object
of such meeting.

The following resolution was adopted at least two-thirds of all the votes represented
by the whole stock of said corporation issued and outstanding voting therefor.

Resolved that the capital stock of this corporation be and the same is hereby increased
from \$1,000,000.00 divided into 100,000 shares of the par value of \$10.00 per share to
\$1,200,000.00 divided into shares of the par value of \$10.00 per share.

The total amount of capital stock already authorized is \$1,000,000.00

The amount of the increased capital stock which is proposed to issue at once and which will be paid in cash is as follows:

No shares having a par value of \$100.00 per share is common & none preferred & none

No shares having no par value is common & none preferred & none

The amount of the increased capital stock which is proposed to issue at once for property and appraised value thereof is as follows:

20,000 shares having a par value of \$10.00 per share is common & none preferred \$200,000.00

No shares having no par value is common & none preferred & none

The location and a general description of such property is as follows:

Certain real estate merchandise machinery, tools and appliances located at Youngstown Ohio.

Lindsay Light Company
Corporate Seal
Chicago Ill

Attest: Otto N Berndt
Secretary

State of Illinois)

County of Cook)

I, Jos M Sherturne being duly sworn declare on oath that I am President of the corporation mentioned in the foregoing certificate and that the statements therein made are true in substance and in fact.

In Witness Whereof, I have hereunto set my hand and caused the seal of said corporation to be affixed this 30th day of October A.D. 1922.

Jos M Sherturne
President

Subscribed and sworn to before me this 30th day of October A.D. 1922.

L.H.Hansen
Notary Public
Cook County Ill.

L.H.Hansen
Notary Public

Filed Nov 3 1922 Louis L. Emerson, Secy of State

12. No. 7706063

Filed for Record Nov 6 A.D. 1922 at 2:11 P.M.

JOSEPH F HAAS RECORDED

Certificate Number 5893
State of Illinois
Office of the Secretary of State

To all to whom these presents shall come, Greeting:

Whereas, a Certificate duly signed and acknowledged has been filed in the Office of the Secretary of State on the 27th day of October A.D. 1922 for the organization of the National Automobile Club under and in accordance with the provisions of "An Act Concerning Corporations" approved April 18, 1872 and in force July 1, 1872 and all acts amendatory thereof, a copy of which certificate is hereto attached.

Now Therefore, I, Louis L. Emerson, Secretary of State of the State of Illinois by virtue of the powers and duties vested in me by law, do hereby certify that the said National Automobile Club is a legally organized Corporation under the laws of this State.

Seal of the State
of Illinois
Aug 26th 1818

In Testimony Whereof, I hereto set my hand and cause to be affixed the Great Seal of the State of Illinois. Done at the City of Springfield this 27th day of October A.D. 1922 and of the Independence of the United States the one hundred and 47th.

Louis L. Emerson, Secretary of State

Paid Oct 27 1922

Fee \$10

\$10.00 R3P

State of Illinois)
Cook County)

To Louis L. Emerson, Secretary of State:

We, the undersigned, C.L. Stryke, Lyman W Sisley, A.R. Haberton, H.B. Hindsell, Arthur C Boule, James W Cole, and Lyman A Sisley citizens of the United States propose to form a corporation under an Act of the General Assembly of the State of Illinois entitled "An Act

DIRECTORY OF ILLINOIS MANUFACTURERS



SECOND EDITION
1924-1925

An Index to the Products and Industries of Illinois.

PUBLISHED BY
ILLINOIS MANUFACTURERS' ASSOCIATION
231 SOUTH LA SALLE STREET
CHICAGO

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
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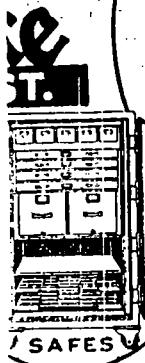
A
Perfect
Typewriter
Desk

The
Originators

Spaulding 0041



BOOKCASES



SAFES

DIRECTORY OF ILLINOIS MANUFACTURERS

FURNITURE METAL Gothaue, 32 Wabash Ave., Chicago.
Wilmette Glass & Paint Works, Wilmette.
FURNITURE OFFICE Central Mfg. Co., 454-456, Armpour St., Chicago.
Chicago Steel Equipment Co., 511 S. Laflin St., Chicago.
The Clemetsen Co., 3401 W. Division St., Chicago.
Colonial Chair Co., 1740 N. Maplewood Ave., Chicago.
Commercial Furniture Co., 2739 W. Chicago Ave., Chicago.
Englewood Desk Co., 5820 Lowe Ave., Chicago.
Excello Products Corp., 4820 W. 16th St., Cicero.
General Novelty Furniture Mfg. Co., 4538-40 S. Marshfield Ave., Chicago.
The Globe-Wernicke Co., 170 W. Monroe St., Chicago.
A. J. Johnson & Sons Furniture Co., 517 Noble St., Chicago.
Johnson Chair Co., 4401-4531 W. North Ave., Chicago.
Kruissink Bros., 3428-38 S. La Salle St., Chicago.
Library Bureau of Illinois, 1250 N. Homan Ave., Chicago.
Marshall-Jackson Co., 24 S. Clark St., Chicago.
O. C. S. Olsen Co., 2527 Moffat St., Chicago.
E. H. Stafford Mfg. Co., Paxton.
C. C. Wardell Co., 1823-1829 W. Lake St., Chicago.
FURS
A. H. Bieber & Co., 1212 S. Halsted St., Chicago.
A. Bishop Co., 143-45 N. Wabash Ave., Chicago.
Downing, Bonett & Downing, 207 S. Wabash Ave., Chicago.
Fogel Berliner & Co., 400 S. State St., Chicago.
Glass & Glass, 32 S. Wabash Ave., Chicago.
Kaiser Bros. Co., 216 W. Adams St., Chicago.
Kolb & Teick Co., 209 S. State St., Chicago.
Model Cloak & Fur Co., 1309 Milwaukee Ave., Chicago.
National Fur Dressing & Dyeing Co., Inc., 1406 N. Halsted St., Chicago.
George W. Paullin, Inc., 73 E. Washington St., Chicago.
Paul A. Reichelt Co., 19 S. Wells St., Chicago.
S. Silberman & Sons, 1117 W. 35th St., Chicago.
S. Venster Co., 32 Wabash Ave., Chicago.
S. M. Wolf & Co., 17 N. State St., Chicago.
Wolter, 109 S. State St., Chicago.
J. Zuckerman & Co., 3748 Wabash Ave., Chicago.
FUSES-ELECTRIC (See Electrical Supplies)
GALVANIZING (See Enameling, Japaning, Galvanizing)
GARAGES & PORTABLE BUILDINGS
Circle A Products Corp., Aurora.
Dearborn Garage, 516-20 N. Dearborn St., Chicago.
The Ideal Tent House Co., 502 W. 79th St., Chicago.
Potter Mfg. & Lumber Co., Downers Grove.
The Servus Rubber Co., Rock Island.
George W. Winding, Quincy.
GARTERS (See Elastic Products)
GAS GENERATORS
Calumet Engineering Corporation, 215 East Chicago, Ind.
Freeport Gas Machine Co., Freeport, Ill.
General Gas Generator Co., 2090 Archer Ave., Chicago.
Groen Mfg. Co., Inc., 4535-37 Armitage Ave., Chicago.
Mathews Gas Machine Co., 67 E. Lake St., Chicago.
The Rud. Mueller Mfg. Co., 4310 N. California Ave., Chicago.
Phelps Mfg. Co., Geneva.
Thermalehe Gas Corporation, Kankakee.
GAS HEATERS & APPLIANCES
Daniels Gasoline Lighting Co., Paris.
Eureka Water Heater Co., 473 W. Lake St., Chicago.
Warner Brass Works, 1801 N. Fairfield Ave., Chicago.
GAS MANTLES
Lindsay Light Co., 161 E. Grand Ave., Chicago.
GAS-OXYGEN & HYDROGEN
Electro Co., Peoria.
National Oxygen Co., 5811 W. 66th St., Chicago.
GAS AND BY-PRODUCTS
Chicago Heights Gas Co., Chicago Heights.
Peoples Gas By-Products Corporation, 122 S. Michigan Ave., Chicago.
The Peoples Gas Light & Coke Co., 122 S. Michigan Ave., Chicago.
Quincy Gas Electric & Heating Co., Quincy.
Rockford Gas Light & Coke Co., Rockford.

Industrial Machinery Co.
Lake St., Chicago.
Krupp Mfg. Co., 74th and
S. Chicago.
McCormick & Co., Matteson
Machinery Co., Belleville
Measuring Machine Co.

McCormick & Co., 4515 N. St.
Chicago.
Strom & Co., Rockford.
Strom & Co., Sterling.
Strom & Co., 1632 N.
Chicago.
Strom & Co., 1911
Chicago.
Strom & Co., Wauke-

FIXTURES

Co., 1633 Walnut St.
Reflector & Lighting Co.,
erson St., Chicago.
Chandelier Mfg. Co., 216
Chicago.
Co., 2006 Larrabee St.

Electric Corp., Champaign.
Electric Co., 316-326 S.
Chicago.
etal Spinning Co., 1715
Chicago.
Stallin Co., 3741 S.
Chicago.
Stallin Co., 142 N.
Chicago.
Stallin Mfg. Co., St.

ing, Inc., 1119 W. Jack-
Chicago.
ing & Copper Co., 820
Chicago.
ighting Fixture Co., 20
Chicago.
on & Co., 70 W. Lake
Chicago.
burg & Co., 3320 Car-
Chicago.
Chandelier Co., 1635
Blvd., Chicago.
Co., 112 N. May St.,

Electric Mfg. Co., Spring-
est Co., 122 S. Michi-
Chicago.
Shade & Lamp Co.,
red St., Chicago.
Co., 1753-59 Sedgwick
Chicago.
orka, 3509 W. Roose-
Chicago.
Mfg. Corporation, 15-
St., Chicago.

LIGHTING FIXTURES—Continued

Jones Brass & Iron Co.,
617 Fulton St., Chicago.
Lindsay Light Co.,
Ave., Chicago.
Marshfield Lamp & Brass Mfg. Co.,
1742 Haddon Ave., Chicago.
Moran & Hastings Mfg. Co.,
Washington St., Chicago.
Moran & MacNair, Inc., 72 W. Lake
St., Chicago.
Mutual Metal Mfg. Co., 4832 W.
Division St., Chicago.
The Nagel-Chase Mfg. Co., 252 E.
Erie St., Chicago.
Victor S. Pearlman & Co., 533 S.
Wabash Ave., Chicago.
Peerless Light Co., 663 W.
ington Blvd., Chicago.
Frank E. Plowman Co., 1000 N.
Michigan Ave., Chicago.
Reflector & Illuminating Co., 1565
W. Washington St., Chicago.
St. Charles Fixture Mfg. Co., 1141
Charles St., Chicago.
Solar Illuminating Co., 227 W. 12th
Washington Blvd., Chicago.
Stembridge & Brandt, 29 S. Clinton
St., Chicago.
U. S. Leather Goods Co., 564 W.
Monroe St., Chicago.

Walter C. Warren & Co., 351-363
E. Ohio St., Chicago.
E. W. Williams Co., 227
St., Chicago.
R. Williamson & Co., 601 Wash-
ington Blvd., Chicago.

LIGHTNING RODS

Arrow Conduits & Mfg. Co., 11
1536 W. Adams St., Chicago.
Northern Picture Frame Co., 186
Fulton St., Chicago.

LIME sold in bulk at special prices
Common Quarry Co., 1111
Fairfax St., Chicago.
Rosier & Co., 1111
The Holden Co., Inc., Peoria.
Illinois Limestone Co., Robinson
Mississippi Lime & Material Co.,
Alton.
Monmouth Sec. Co., Gladstone
Northern Illinois Supply Co., Rock-
ford.

Producers Building Material Co., 29
S. La Salle St., Chicago.
C. Ruhlen, Kankakee
Charles Stone Co., Marion.
Western Whiting & Mfg. Co.,
Elsah.

LIME MATERIALS AND TOOLS

American Crossarm & Conduit Co., 332 S. Michigan Ave., Chicago.
Bates Expanded Steel Press Co.,

Protective Corporation, 12th & W.
Illinois, Bank Bldg., Chi-
Cook Electric Co., 2700 South
Chicago.
Franklin Electric Co., 1211
Franklin St., Chicago.
Grove & Schindler, 1111
Hallett Iron Works, Harvey.
Hubbard & Co., 5401 W. Roosevelt
Chicago.
Joslyn Mfg. & Supply Co., 1311 W.
Washington St., Chicago.
Mathias & Sons, 3200 S. Bel-
mont Ave., Chicago.
Linens Service Co., 140-148
W. Austin Ave., Chicago.
American Supply Co., 1415
Dayton St., Chicago.
Linens Supply Co., 10523
Wrightwood Ave., Chicago.
Tower Supply Co., 1407 Jack-
son Blvd., Chicago.
Elston Laundry Co., 4248-50 Elston
Ave., Chicago.
Illinois Linen Service, 1646 Or-
ange St., Chicago.
Individual Tower Cabinet Ser-
vice Co., 1325 S. Dearborn St., Chi-
cago.
Munger's Laundry Co., 81 E. Mad-

Nicholas Laundry & Linen Supply
Co., 3320 W. Lake St., Chicago.
Wabash Ave., Chicago.

LINENS, STAMPED AND PAIR

A. J. Drayton Co., 108 M. Pro-
St., Chicago.
Embroidery & Stamping Co., 1622
St. Charles St., Chicago.

Embroidery & Stamping Co., 1622
St. Charles St., Chicago.
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St. Charles St., Chicago.

LINOTYPING (See Typesetting and

Linseed Oil and Oil Meal

American Linseed Co., 22nd and
Lumber Sts., Chicago.
Archer-Daniels-Midland Co., 92
Blackhawk St., Chicago.

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\$1,000.**Lindholm Johnson Co.**9 N. Franklin St.
Pres., F. A. Lindholm.
V. Pres., Gustaf Magnusson.
Secy., A. W. Johnson.
Treas., F. A. Lindholm.
Employees—Female 1.
Invested Capital: \$15,000.
Merchant Tailoring.**Linguist & Hanna Mfg. Co.**2414 W. Cullerton St.
Gas Engines.**Lindsay Light Company.**Main Office, 161 E. Grand Ave.
Plants, 316 E. Illinois St., and 161
E. Grand Ave.
Pres., Jos. M. Sherburne.
V. Pres., H. N. McCoy.
Secy., O. N. Berndt.
Treas., O. N. Berndt.
Employees—Male 30, Female 100.
Invested Capital: \$1,000,000.
Gas Mantles, Chemicals, Electrical
Fixtures.**Lindström & Company.**30 W. Lake St.
Owner, C. O. Lindstrom.
Employees—Male 6, Female 6.
Invested Capital: \$10,000.
Therapeutic Appliances, Electric
Vibrators.**Linehan & Weldt.**2146 Sheffield Ave.
Partner, J. D. Linehan.
Partner, C. A. Weldt.
Printing.**B. Link & Sons.**3328 N. Clark St.
Pres., Bernhard Link.
Secy., E. Schneider.
Treas., Wm. Remy, Jr.
Employees—Male 5, Female 20.
Invested Capital: \$55,000.
Cigars.**LINK-BELT COMPANY.**Main Office, 300 W. Pershing Road.
Plant, 300 W. Pershing Road, and
1700 S. Western Ave.
Pres., Charles Piez.
V. Pres., Staunton B. Peck.
V. Pres., Alfred Kauffmann.
V. Pres., Arthur C. Johnston.
V. Pres., Prentiss L. Coonley.
Secy., Richard W. Yerkes.
Treas., Richard W. Yerkes.
Invested Capital: \$7,750,000.
Transmission Machinery.**M. Linkman & Company.**1150 Fullerton Ave.
Pres., L. B. Linkman.
V. Pres., Aug. Fisher.
Secy., Anton Burger.
Treas., Anton Burger.
Employees—Male 125, Female 40.
Invested Capital: \$300,000.
Pipes and Smokers Articles.**Linn Products Company.**Main Office, 192 N. Clark St.
Plant, Freeport, Ill.
Pres., P. C. Miller.
V. Pres., Robert White.
Secy., Vincent Tracy.
Treas., Vincent Tracy.
Employees—Male 5, Female 2.
Invested Capital: \$50,000.
Soap Powder.**Lion Heel Plate Company.**7335 Dante Avenue.
Owner, Harry N. Birch.
Heel Plates.**Lion Lamp Shade Works.**1944 W. Jackson Blvd.
Owner, Anna R. Shapera.
Employees—Male 3, Female 40.
Silk Lamp Shades.**Lion Specialty Company.**212 W. Illinois Street.
Pres., Frank Cuneo.
V. Pres., Andrew Cuneo.
Employees—Male 100, Female 25.
Candy.**Lippert-Green Co.**Main Office, 700 N. Carpenter St.
Plant, 1038 W. Huron St.
Pres., Rud. Lippert.
V. Pres., M. Bernard.
Secy., H. S. Halvorsen.
Treas., Rud. Lippert.
Employees—Male 50, Female 100.
Invested Capital: \$50,000.
Ladies' Velvet and Straw Hats.**Lipson Bros.**325 W. Adams St.
Partner, Jos. Lipson.
Partner, Harry Lipson.
Partner, Nathan Lipson.
Employees—Male 50, Female 100.
Invested Capital: \$125,000.
Dresses.**The Liquid Carbonic Company.**3100 S. Kedzie Ave.
Pres., W. K. McIntosh.
V. Pres., C. R. Bull.
Secy., C. G. Carter.
Treas., C. G. Carter.
Employees—Male 1,000, Female 100.
Invested Capital: \$6,000,000.
Soda Fountains, Bottling Ma-
chinery.

Chicago

Illinois Manufacturers' Association

Chicago

Frank S. Lewis, Inc.

2340 N. Hoyne Ave., Chicago
Male 10
\$10,000
Varnish

Chas. F. L'Hommiedieu & Sons Co.

4521 Ogden Ave., Chicago
Male 46; female 16
\$200,000
Plating dynamos, polishing
lathes, cotton buffs and
wheels, buffing composition,
rheostats, tumbling and
plating barrels

Libby, McNeill & Libby

Union Stock Yards, Chicago
Plant also—Blue Island, Ill.
Male 1100; female 500
Pineapple, salmon, milk, pickles
and condiments, canned
meats, fruits, vegetables, as-
paragus

Liberty Cabinet Co.

2120 W. Grand Ave., Chicago

Liberty Mfg. Company

1431-35 W. Austin Ave., Chi-
cago
Male 25
\$22,000
Drum and banjo heads, ban-
jos and banjo ukeleles. All
stringed instruments

Liberty Supply & Lumber Co.

94th St., and Stony Island
Ave., Chicago

Library Bureau

1250 N. Homan Ave., Chicago

G. J. Liebich Company

164-70 W. Kinzie St., Chicago
Sub.—Sau-Itai-rie Filler Co.
Male 21; female 6
Paints and varnishes, enamels,
shellacs, croach and seam
filler

Liggett & Myers Tobacco Co.

Chicago
(See New York City)

Lincoln Ice Company

4628 Greenvew Ave., Chicago
Plants also—325 N. Elizabeth
St., 2673 N. Halsted St.
Male 75
\$1,200,000
Ice

Lincoln Meat Company

3800 S. Halsted St., Chicago
Male 100; female 2
\$250,000
Beef and veal packers

Lincoln Parlor Frame Mfg. Com-
pany

214 Institute Place, Chicago
Male 3
\$7,000
Parlor frames and special
furniture

Henry Lindahl Machine Company

954 W. Lake St., Chicago
Plant also—5900 Ogden Ave.,
Cicero
Male 65; female 1
\$175,000
Cast iron pulleys, flywheel
power transmission appli-
ances, special machinery,
grey iron and semi-steel
castings. General jobbing;
foundry and machine shops

Linden Laundry Co.

409-15 N. Laramie Ave., Chi-
cago
General laundry work

Lindsay Light Company

161 E. Grand Ave., Chicago
Male 50; female 70
\$1,000,000
Electrical fixtures, chemical
gas mantels

Link-Belt Company

910 S. Michigan Ave., Chicago
Sub.—H. W. Caldwell & Son C
Plants—300 N. Pershing B.
1800 S. Western Ave.
Male 4,000; female 500
Elevating, conveying and pow-
er transmission machinery

Chicago

Illinois M

M. Linkman & Company

1150 Fullerton Ave., C.
Male 80; female 45
Briar pipes, cigar
cigarette holders
smokers' articles

Lion Specialty Company

222 W. Illinois St., Chic
Male 50; female 40
\$175,000
Salted peanuts, chocolat-
nuts, peanut butter,
peanut squares, peanut
tite, bon bons, fudge,
candies

Lippert Green Company

700 N. Carpenter St., Cl
Plant also—1033 W. Hur.
Male 40; female 80
\$50,000
Ladies' and childrens' hat

Lipson Bros.

325 W. Adams St., Chicag
Male 35; female 150
\$150,000
Dress manufacturers

The Liquid Carbonic Company

3100 S. Kedzie Ave., Chic
Male 1077; female 162
Carbonic acid gas, soda f
tains, bottling machi
extracts, fruits and syru

Lithuanian News Pub. Co.

1739 S. Halsted St., Chic

Livingston Baking Company

Plants: 3015 W. Lake St.,
S. Wabash Ave. and
Diversey Parkway, Chicag
(See New York)

W. G. Lloyd Company

626 S. Clark St., Chicago
\$200,000
Accounting devices, forms, s
tems and blank book

List of Corporations.—Continued.

Name of Corporation.	Capital Stock.	Location of Principal Office.	President or Manager. (Name and address.)	Secretary. (Name and address.)
	DOLLARS.			
Lincoln-Springfield Coal Company	1,500	1100 Old Colony bldg., Chicago	P. F. Murphy, (not stated)....	G. W. Reed, 6209 Greenwood av.
Lincoln Warehouse and Van Company	25,000	486 Wabash av., Chicago.....	F. Feilheimer, 4642 Woodlawn av.	R. J. Wood, 4558 Oakenwald av.
Lincoln Water and Light Company	255,000	216 S. Kickapoo st., Lincoln..	E. LeB. Gardiner, 158 Ellison st., Paterson, N. J.	Whitney Conant, 158 Ellison st. Paterson, N. J.
Lindsay Light Company.....	100,000	195 & 197 Michigan st., Chicago	Chas. R. Lindsay, Jr., 333 Rush st.	D. G. Lindsay, deceased.
Lindsay Manufacturing Company	50,000	72 West Lake st., Chicago....	T. H. Lindsay, 25 Elaine pl.	S. W. Lindsay, 153 La Salle s
Lindsay Storage Company....	2,500	487 East 63rd st., Chicago.....	Jas. P. Lindsay, 6200 Monroe av.	H. D. Lindsay, 6200 Monroe a
Link Belt Machinery Company	600,000	39th st. and Stewart av., Chicago	E. A. Turner, 227 47th st.	Dyke Williams, Kenwood Hotel.
Link-Nelson Company.....	10,000	206 S. Main st., Paris.....	Nate Link, Central av.	E. K. Nelson, Prairie st.
Linn Creamery Association....	5,500	Linn	James M. Collison, St. Francisville	Wm. A. Andrews, Linn.
Linn and Scruggs Dry Goods and Carpet Company.....	100,000	Cor. Main and Water sts., Decatur	W. R. Scruggs, 276 W. Prairie st.	W. S. Grubbs, 269 W. Main :
Lion Dry Goods Store.....	15,000	688 Noble st., Chicago.....	Herman Mishkowsky, 588 N. Hoyne av.	Leo Windmiller, Carroll Sacramento sts.
Long Fig and Date Company..	2,500	69 South Water st., Chicago..	Frank Cuneo, 307 N. State st..	Albert Dooley, 1518 N. Halst st.
Lippert Company.....	1,000	6 Sherman st., Chicago.....	Elisha A. Hancock, Bourse bldg., Philadelphia, Pa.	Jos. J. Lippert, 1218 Flournoy st., Chicago.
Lipphardt & Klie Clothing Co..	25,000	321 Missouri av., East St. Louis	R. Schmitz, 3839 Flad av., St. Louis, Mo.	Harry Klie, No. 438 N. 11th s E. St. Louis.
Liquid Carbonic Company.....	3,100,000	67 Wells st., Chicago.....	Jacob Baur, Virginia Hotel....	C. F. Rauchfuss, Oak Park.
Liquor Dealers' Supply Company	10,000	202 E. Michigan st., Chicago..	H. M. Marks, 3432 Michigan av.	Sam Moyses, 5023 Michigan :
Liquozone Company.....	125,000	458-460 Wabash av., Chicago..	Douglas Smith, Winnetka.....	Ada H. Mayer, 1053 N. Cla st., Chicago.
Liquadium Co.....	25,000	767 West Van Buren st., Chicago	Geo. W. Mathews, 31 E. 40th st.	Drummond O. Scott, 310 Sou Hoyne av.
Litchfield Foundry & Machine Company	70,000	308 Jackson st., Litchfield....	Wm. F. LaForce, 219 Union av.	Mabel M. LaForce, 219 Un av.
Litchfield Grover Co.....	30,000	202 W. Ryder st., Litchfield....	W. M. Jageman, Litchfield....	H. A. Snell, Litchfield.
Litchfield Laundry Company..	2,000	306 Madison st., Litchfield....	Hugh A. Snell, Litchfield.....	Mae D. Snell, Litchfield.
Litchfield Marble and Granite Company	3,000	410 N. Monroe st., Litchfield..	F. C. Kirkland, 532 Union av.	T. F. Blankley, 314 West Ki ham, st.
Litchfield Printing House.....	5,000	108-110 E. Ryder st., Litchfield	R. P. Boulton, 715 N. State st.	J. Stanley Cline, 1225 N. State
Litchfield Traction Company..	5,000	Hayward st., Litchfield.....	C. B. Munday, Litchfield.....	J. G. Munday, Litchfield.
Litholite Stone Co.....	50,000	188 E. Madison st., Chicago....	C. B. Sheller, 4420 Ellis av....	N. C. Fisher, 2226 Kenmore
Little Chronicle Publishing Company (now the Chronicle Press)	400,000	358 Dearborn st., Chicago.....	Francis B. Atkinson, 5005 Vincennes av.	W. L. King, Hinsdale.
Little Giant Stoker Company..	50,000	30th and Halsted sts., Chicago	P. J. Hamler, 30th and Halsted sts.	S. W. Prince, 27 Dearborn s
Little and Son Livery Company..	5,000	310 E. Adams st., Springfield..	Mrs. M. C. Little, 523 S. 6th st.	Glenn D. Smith, 523 S. 6th
Little Vermilion Coal Company	250,000	Georgetown	L. T. Dickason, 4045 Ellis av..	J. H. Durham, 5858 Indiana

LIST OF CORPORATIONS—Continued.

NAME OF CORPORATION.	CAPITAL STOCK.	LOCATION OF PRINCIPAL OFFICE.	PRESIDENT OR MANAGER. (Name and Address.)	SECRETARY. (Name and Address.)
Lincoln Ice Company.....	S 40,000	3607 N. Clark st., Chicago.....	John F. Maginnis, 662 Roscoe st.	Thos. B. Maginnis, 538 Di boul.
Lincoln J. Carter Company.....	5,000	Criterion Theatre, Chicago.....	Lincoln J. Carter, Criterion Thea- tre.	T. B. Hogan, Criterion Th
Lincoln Mining Company.....	2,500	Cor. 2nd and Maple sts., Lincoln	Walter Puterbaugh, 521 Tremont st.	David H. Harts, Jr., 332 Ei
Lincoln Park Coal and Brick Co.	50,000	Cor. Yates av. and Walnut st., Springfield.	James A. Hall, 903 S. 8th st.....	Wm. P. Eggleston, 1150 3rd st.
Lincoln Park Garage and Auto- mobile Company.....	1,500	2756 Hampden ct., Chicago.....	Hugo Marcus, 651 Barry av.....	James Gruenfeld, 2756 Ha ct.
Lincoln Park Livery Company, now Walters Livery Company, 3-14-10.....	5,000	1563-5 N. Halsted st., Chicago...	William Kemper, 1563-5 N. Hal- sted st.	Wm. J. Rose, 1810 Mohaw
Lincoln Railway and Light Com- pany.....	150,000	Lincoln.....	W. H. Schott, 6200 Monroe av....	C. R. Scott, 1756 Belle Pla
Lincoln Roofing Co.....	2,500	2842-2844 N. Clark st., Chicago...	Albert A. Foerster, 3741 Maple- square av.	E. A. Foerster, 3741 Maple av.
Lincoln Safe Deposit Company...	5,000	2805 N. Clark st., Chicago.....	Henry E. Strassheim, 3612 Grove av.	Arthur G. Strassheim, 634 st.
Lincoln Springfield Coal Company	1,500	84 Van Buren st., Chicago.....	P. F. Murphy, Springfield, Ill.....	G. W. Reed, 6225 Langh Chicago.
Lincoln - Springfield Coal and Teaming Company.....	3,000	84 Van Buren st., Chicago.....	P. F. Murphy, Springfield, Ill.....	G. W. Reed, 6225 Langh Chicago.
Lincoln Standard Novelties Cor- poration.....	10,000	150 N. 52nd av., Chicago.....	James M. Goodell, Jr., 150 N. 52nd av.	James M. Goodell, Sr., 32 av.
Lincoln Supply Co.....	20,000	4255 Lincoln av., Chicago.....	George Reinberg, 2057 Belmorat av.	Anthony C. Schildgen, 4 Robey st.
Lincoln Trust Company.....	200,000	181 La Salle st., Chicago.....	A. S. Straus, Lakota hotel.....	Max Markwell, 1124 E. 4
Lincoln Warehouse and Van Com- pany.....	25,000	480 Wabash av., Chicago.....	Fred Fecheimer, 4715 Kenwood av.	R. J. Wood, 4558 Oakenw
Lincoln Water and Light Com- pany.....	255,000	216 S. Kickapoo st., Lincoln...	E. L. B. Gardiner, 158 Ellison st., Paterson, N. J.	Whitney Conant, 158 Elli Paterson, N. J.
Linden-Marx Liquor Company...	10,000	33 North Broadway, Aurora.....	J. W. Linden, 220 Grove st.....	Jacob Marx, 487 Second av
Lindholm Johnson Co.....	7,500	215 E. Madison st., Chicago.....	Frank A. Lindholm, 5115 Mag- nolia av.	A. W. Johnson, 1222 Arg
Lindsay Light Company.....	200,000	S. W. cor. Ind. and St. Clair sts., Chicago.	C. R. Lindsay, Jr., Lessing Annex, R. 4.	Geo. P. Gilman, 3020 Sheri
Lindsay Storage Company.....	2,500	1154-56 East 63rd, Chicago.....	J. P. Lindsay, 1538 E. 66th st...	A. D. Lindsay, 1538 E. 6
Lindsten Clothing Company.....	20,000	3232-36 N. Clark st., Chicago.....	E. A. Prechel, 918 Dakin st.....	E. G. Lindsten, 5230 Wa
Lindstrum-West Drug Co.....	2,000	324 E. Main st., Galesburg.....	A. O. Lindstrum, Galesburg.....	A. W. West, Galesburg.
Link-Belt Company.....	3,500,000	39th st. and Stewart av., Chicago	Charles Pierz, 1359 Grand boul.	Staunton B. Peck, 1018,
Linn and Scruggs Dry Goods and Carpet Company.....	100,000	Cor. Main and Water sts., Decatur	Thomas J. Prentice, 501 W. Mon- roe st.	Wm. S. Grubbs, 269 W. Mo
in Dry Goods Store.....	31,500	18th and Paulina sts., Chicago...	H. R. Misch, 1410 N. Hoyne av...	Louis E. Misch, 1410 Ho
Lion Fig and Date Company.....	2,500	69 S. Water st., Chicago.....	Frank Cuneo, 79 Hazel av.....	Albert Dooley, 3025 N. st.
Lion Tea Co.....	2,500	5444 Wentworth av., Chicago.....	A. Gladstone, 47 E. 55th st.....	Chas. F. Bartlett, 1326 E.
Lippert Company.....	1,000	6 Sherman st., Chicago.....	James Hancock, Philadelphia, Pa.	Jos. J. Lippert, Oak Park,
Lipphardt & Klie Clothing Co...	2,500	321-3-5 Missouri av., East St	Rudolph Schmitz, 5385 Water	Harry Klie, 438 N 11th st

NAME OF CORPORATION.	CAPITAL STOCK.	LOCATION OF PRINCIPAL OFFICE.	PRESIDENT OR MANAGER. (Name and Address.)	SECRETARY. (Name and Address.)
Lincoln Bindery Company.....	\$ 5,000	303 E. Monroe st., Springfield.....	Frank E. Leeder, 1129 W. Governor st.	Ella Dorthirt, 521 S. Glenwood av.
Lincoln Business College.....	3,000	118 N. Logan st., Lincoln.....	W. R. Whetsler, 504 Delavan st....	H. F. Wakenan, 132, 9th st.
Lincoln Casket Company.....	25,000	109-13, 3rd st., Lincoln.....	W. H. Dowling, Lincoln.....	F. R. Rice, Lincoln.
Lincoln Clothing Co.....	25,000	2612-16 Lincoln av., Chicago.....	Emanuel Weil, 5536 S. Park av....	Benjamin Weil, 5233 Kenmore av.
Lincoln Decorating Company.....	1,000	1944 N. Clark st., Chicago.....	Maggie Beach, 1938 Sedgwick st...	Maggie Beach, 1938 Sedgwick st.
Lincoln Electric Railway Company	6,000	608 1/2 Broadway, Lincoln.....	L. B. Stringer, 17th and Union sts.	David H. Harts, Jr., 332, 8th st.
Lincoln Fuel Company.....	10,000	913 Noyes st., Evanston.....	W. E. Barbour, 1030 Forest av....	Norman S. Birkland, 746 Oakley boul., Chicago.
Lincoln Guaranty and Trust Com- pany.....	300,000	111 State st., Chicago.....	Stephen L. Tompkins, 3021 Calu- met av.	Bert J. Stookey, Hinsdale.
Lincoln Hospital.....	5,000	2941-43 Calumet av., Chicago.....	Gustavus M. Bleck, 2805 Indiana av.	Jos. A. McInerney, 112 Clark st.
Lincoln Ice Company.....	40,000	3607 N. Clark st., Chicago.....	I. F. Maginnis, 662 Roscoe st.....	T. B. Maginnes, 538 Diversey boul.
Lincoln Ills. Collar Co.....	20,000	S. Kickapoo st. & I. C. R. R., Lin- coln.	Will W. Houser, 410 N. Logan st...	Nate E. Landauer, 438, 8th st.
Lincoln J. Carter Company.....	5,000	5522 Sheridan rd., Chicago.....	Lincoln J. Carter, 5552 Sheridan rd.	J. H. Hoffman, Denver, Col.
Lincoln Mill Company.....	10,000	4911 Lincoln av. Chicago.....	Mathias Huberty, 4864 Lincoln av.	Sigfried E. Ockerland, 4826 N. Her- mitage av.
Lincoln Mining Company.....	2,500	2nd and Maple sts., Lincoln.....	Walter Puterbaugh, 521 Tremont st.	David H. Harts, Jr., 332, 8th st.
Lincoln Park Coal and Brick Co...	50,000	408 Pierik bldg., Springfield.....	James A. Hall, 903 S. 8th st.....	Harvey C. Page, 835 S. 2nd st.
Lincoln Park Garage and Autom- obile Company.....	1,500	2756 Hampden ct., Chicago.....	Hugo Marcus, 651 Barry av.....	James Gruenfeld, 535 Wrightwood av.
Lincoln Pickling and Preserving Co.	2,500	2825 Lincoln av., Chicago.....	Geo. A. Mueller, 1114 Oakdale av..	Theresa A. Mueller, 114 Oakdale av.
Lincoln Railway and Light Com- pan.....	150,000	211 S. Kickapoo st., Lincoln.....	H. C. Quisenberry, 203 Ninth st...	E. D. Blinn, Jr., 201, 9th st.
Lincoln Roofing Co.....	2,500	2812-4 N. Clark st., Chicago.....	Albert A. Foerster, 3741 Maple- square av.	E. A. Foerster, 3741 Maplesquare av.
Lincoln Safe Deposit Company....	5,000	2805 N. Clark st., Chicago.....	Henry Strassheim, 634 Roscoe st..	Arthur G. Strassheim, 634 Roscoe st.
Lincoln Sash & Door Company....	10,000	1835-45 W. 15th st., Chicago.....	Frederick E. Groess, Brookfield...	Otto Sindelar, 1432 S. Springfield av., Chicago.
Lincoln Springfield Coal Company	1,500	84 Van Buren st., Chicago.....	P. F. Murphy, Springfield.....	G. W. Reed, 7136 Luella av., Chi- cago.
Lincoln Springfield Coal and Team- ing Company.....	3,000	84 Van Buren st., Chicago.....	P. F. Murphy, Springfield.....	Geo. Reed, 7136 Luella av., Chicago
Lincoln Trust Company.....	200,000	155 N. La Salle, Chicago.....	A. S. Straus, Lakota hotel.....	Fred Wachsmith, 616 Groveland Park.
Lincoln Warehouse and Van Com- pany.....	25,000	4259 Drexel boul., Chicago.....	Frederic Fechheimer, 4745 Ken- wood av.	Ralph J. Ward, 4568 Oakenwald av.
Lincoln Water and Light Company	255,000	216 S. Kickapoo st., Lincoln.....	E. L. B. Gardner, 158 Ellison st., Paterson, N. J.	Whitney Conant, 158 Ellison st., Paterson, N. J.
Linden-Marx Liquor Company....	10,000	33 N. Broadway st., Aurora.....	J. W. Linden, 220 Grove st.....	John N. Braun, 196 N. 4th st.
Lindholm Johnson Co.....	7,500	215 E. Madison st., Chicago.....	F. A. Lindholm, 5415 Magnolia av.	A. W. Johnson, 1222 Argyle av.
Lindsay Light Company.....	200,000	Indiana and St. Clair sts., Chicago	Chas. R. Lindsay, Jr., Lassing An- nex, R. 4.	Jos. M. Pierburne, 515 Barry av.
Lindsay Storage Company.....	2,500	1154 E. 63rd st., Chicago.....	J. P. Lindsay, 1538 E. 66th st....	H. D. Lindsay, 1538 E. 66th st.
Lindsten Clothing Company.....	20,000	3232-36 N. Clark st., Chicago.....	E. A. Prechel, 918 Dakin st.....	E. G. Lindsten, 5230 Wayne av.
Lindstrom, Smith Company.....	10,000	253 La Salle st., Chicago.....	C. O. Lindstrom, 10744 Prospect av., Morgan Park.	Marie M. Smith, 848 Junior ter., Chicago.
Lindstrum West Drug Co.....	2,000	324 E. Main st., Galesburg.....	A. O. Lindstrum, 1086 N. Seminary st.	A. W. West, 1319 N. Broad st.

ILLINOIS SECT. OF STATE

LIST OF THE COMPANIES 1911

LIST OF CORPORATIONS—Continued.

NAME OF CORPORATION.	CAPITAL STOCK.	LOCATION OF PRINCIPAL OFFICE.	PRESIDENT OR MANAGER. (Name and Address.)	SECRETARY. (Name and Address.)
Lincoln Mining Company.....	\$ 2,500	S. W. Cor. Maple and 2nd sts., Lincoln.	Walter Paterbaugh, Lincoln.	D. H. Harts, Jr., Lincoln.
Lincoln Park Coal and Brick Co....	50,000	Walnut st. and Yates av., Springfield.	James A. Hall, 903 S. 8th st.,	H. C. Page, St. Nicholas hotel
Lincoln Park Steamboat Line.....	5,000	Foot of E. Randolph st., Chicago.	Frank Martinek, Foot of E. Randolph st.	Henry Rinke, 321 W. 37th st.
Lincoln Pickling and Preserving Co.	10,000	1921-1927 Osgood st., Chicago.	George A. Mueller, 1101 Cornelia av.	Daniel Zinser, 2717 Mildred
Lincoln Railway and Light Company.....	150,000	211 S. Kickapoo st., Lincoln.	H. C. Quisenberry, 209, 9th st.	A. R. Thomas, 502 Water st.
Lincoln Roofing Co.....	2,500	2842-44 N. Clark st., Chicago.	A. A. Foerster, 627 Buckingham pl.	E. A. Foerster, 627 Buckingham pl.
Lincoln Safe Deposit Company....	5,000	2805 N. Clark st., Chicago.	Henry Strassheim, 634 Roscoe st.	Arthur G. Strassheim, 634 E. st.
Lincoln Sash & Door Company....	10,000	1835 W. 15th st., Chicago.	Frederick C. Gross, Brookfield.	Otto Sindelar, 2323 S. Central av.
Lincoln-Springfield Coal Company	1,500	37 W. Van Buren st., Chicago.	P. F. Murphy, Springfield.	G. W. Reed, 7136 Luella av. cago.
Lincoln Stamp Association.....	800	3310 Lincoln av., Chicago.	Albert Burhop (not given).	Harry A. Sultan, 3249 Lincoln
Lincoln Supply Co.....	20,000	4255 Lincoln av., Chicago.	George Reinberg, 2057 Balmoral av.	A. C. Schildgen, 4350 N. Rol
Lincoln Trust Co.....	200,000	105 S. La Salle st., Chicago.	Abraham S. Straus, 102 S. La Salle st.	(Not given).
Lincoln Warehouse and Van Company.....	25,000	1259 Drexel bou., Chicago.	F. Fechtelner, 1715 Kenwood av.	R. J. Wood, 4558 Oakenwa.
Lincoln Water & Light Company....	255,000	216 S. Kickapoo st., Lincoln.	E. L. B. Gardner, 158 Ellison st., Paterson, N. J.	Whitney Conant, 158 Ellison Paterson, N. J.
Linden Company.....	50,000	1216 Michigan av., Chicago.	F. L. Linden, 1029 E. 45th st.	E. J. Wagner, 914 Margate to
Linden Laundry Company.....	15,000	411-415 N. 52nd av., Chicago.	John E. Peterson, 435 N. 51st av.	A. O. Peterson, 435 N. 51st a
Linden-Marx Liquor Company....	10,000	33 N. Broadway, Aurora.	John W. Linden, 223 N. 4th st.	John N. Braun, 196 N. 4th st
Lindholm, Johnson Co.....	7,500	226 W. Madison st., Chicago.	F. A. Lindholm, 5115 Magnolia av.	A. W. Johnson, 1216 Argyle
Lindsay Light Company.....	200,000	Indiana and St. Clair sts., Chicago.	Chas. R. Lindsay, Jr., 2238 Lincoln Park, W.	Jos. M. Sherburne, 515 Barr
Lindsay Storage Company.....	2,500	1156 E. 63rd st., Chicago.	J. P. Lindsay, 6120 Greenwood av.	H. D. Lindsay, 1410 S. Bu av., Los Angeles, Cal.
Lindsten Clothing Company.....	40,000	3211-3215 N. Clark st., Chicago.	E. A. Prechel, 918 Dakin st.	E. G. Lindsten, 5230 Wayne
Lindstrom, Smith Company.....	20,000	218 S. Wabash av., Chicago.	C. O. Lindstrom, 10711 Prospect av., Morgan Park.	Chas. Endorf, Jr., 1625 N. av., Chicago.
Lindstrum-West Drug Co.....	2,000	324 E. Main st., Galesburg.	A. O. Lindstrum, 1086 N. Seminary st.	James W. Grubb, 382 Main bou.
Link-Belt Company.....	3,500,000	39th st. and Stewart av., Chicago.	Charles Piez, 4359 Grand bou.	Stamton B. Peck, 5006 bou.
Linn-McCabe Company.....	100,000	Martinsville.	E. L. McCabe, Martinsville.	W. B. Linn, Martinsville.
Linn and Scruggs Dry Goods and Carpet Company.....	100,000	Main and Water sts., Decatur.	T. J. Prentice, 501 W. Macon st.	W. S. Grubbs, 269 W. Main
Linsley and Chubb.....	10,000	210 1st st., Hindale.	Chas. O. Ring, 160 S. Lincoln st.	R. M. Chubb, 76 S. Was st.
Lion Dry Goods Store.....	31,500	1700 W. 18th st., Chicago.	H. R. Misch, 5400 Michigan bou.	Louis Misch, 5400 Michigan
Lion Fig and Date Company.....	2,500	23 E. South Water st., Chicago.	Frank Cuneo, 1949 Chicago av.	Albert Dooley, 3025 N. st.
Lion Tailoring Company.....	2,500	720 W. 12th st., Chicago.	Saul Kersten, 1518 S. Turner av.	F. D. Kersten, 1518 S. Turn

LIST OF CORPORATIONS—Continued

NAME OF CORPORATION	CAPITAL STOCK	LOCATION OF PRINCIPAL OFFICE	PRESIDENT OR MANAGER (Name and Address)	SECRETARY (Name and Address)
Lincoln Printing Co.	\$ 65,000	732 Sherman st., Chicago	Washington Pleasner, 5705 Blackstone av.	J. D. Werner, Chicago, Busine College, Adams and Washish
Lincoln Roofing Co.	2,500	2844 N. Clark st., Chicago	J. R. Patton, Atlanta	R. S. Bevan, Atlanta
Lincoln Safe Deposit Company	5,000	2805 N. Clark st., Chicago	Henry Strassheim, 634 Koscoe st.	Arthur G. Strassheim, 634 Koscoe st.
Lincoln Springfield Coal Company	20,000	37 W. Van Buren st., Chicago	George W. Keel, 7136 Lincoln av.	W. D. Abrams, Springfield
Lincoln State Safety Vault Company	9,000	3105 S. State st., Chicago	Frederick A. Brown, 10 S. LaSalle	Chas. A. White, 175 W. Jackson
Lincoln Supply Co.	10,000	4255 Lincoln av., Chicago	Anthony Schilgen, 4350 N. Robey	Mary Schilgen, 4350 N. Robey
Lincoln Tailoring Company	10,000	800 S. State st., Chicago	Edwin H. Sibley, Chicago	Edwin H. Sibley, Chicago
Lincoln Warehouse and Van Company, The	10,000	800 S. State st., Chicago	Edwin H. Sibley, Chicago	Edwin H. Sibley, Chicago
Lincoln Water and Light Company	255,000	216 Kieknapo st., Lincoln	Edwin H. Sibley, Chicago	Edwin H. Sibley, Chicago
Lincoln Brothers	35,000	720 S. Dearborn st., Chicago	John Lindy, 6204 Evans av.	Edward S. Lindy, 5949 S. Adams
"Linden Company, The"	50,000	1216 Michigan av., Chicago	John Lindy, 1029 E. 15th st.	Edwin H. Sibley, Chicago
Linden Laundry Company	15,000	411 and 415 N. LaSalle av., Chicago	John Lindy, 1029 E. 15th st.	Edwin H. Sibley, Chicago
Linden-Max Lager Company	10,000	33 N. Broadway, Aurora	John W. Lindy, 223 N. 4th st.	John W. Lindy, 223 N. 4th st.
Linder Bros. (Inc.)	15,000	6th and Monroe sts., Charleston	George A. Lindy, 904 S. 6th st.	Lewis S. Lindy, 904 S. 6th st.
Lindholm Johnson Co.	7,500	226 W. Madison st., Chicago	Frank A. Lindholm, 5415 Magnolia	Abel W. Johnson, 1216 Argyle st.
Lindholm Nature Cure Institute, The	125,000	525 S. Ashland hotel, Chicago	Henry Lindholm, 1505 W. Congress	Anna Lindholm, 1505 W. Congress
Lindsay Light Company	1,000,000	161 E. Grand av., Chicago	Chas. R. Lindsay, Jr., 2238 Lincoln	John R. Lindsay, Jr., 2238 Lincoln
Lindsay Storage Company	2,500	1156 E. 64th st., Chicago	J. T. Lindsay, 6325 Kenwood	Chas. R. Lindsay, Jr., 2238 Lincoln
Lindsten Clothing Company, The	40,000	3211-15 N. Clark st., Chicago	Ernest A. Lindsten, 645 Sherman	Ernest A. Lindsten, 645 Sherman
Lindstrom West Drug Company	2,000	321 E. Main st., Chicago	Alfred Lindstrom, 1080 N. Seminary	J. W. Lindstrom, 382 Monmouth
Lindwood Catering Company	10,000	65 W. Madison st., Chicago	Alfred Lindstrom, 1080 N. Seminary	J. W. Lindstrom, 382 Monmouth
Line City Broomery Company	8,000	South LaSalle st., Chicago	Alfred Lindstrom, 1080 N. Seminary	J. W. Lindstrom, 382 Monmouth
Linegrade Manufacturing Co.	65,000	100 N. Fifth av., Chicago	Alfred Lindstrom, 1080 N. Seminary	J. W. Lindstrom, 382 Monmouth
Line Supply Laundry Company	2,000	2807 W. Lake st., Chicago	Alfred Lindstrom, 1080 N. Seminary	J. W. Lindstrom, 382 Monmouth
Linn & Lenz Amusement Company	20,000	707 Kenosaw terr., Chicago	Alfred Lindstrom, 1080 N. Seminary	J. W. Lindstrom, 382 Monmouth
Linn-Belt Company	4,050,000	509 W. 39th st., Chicago	Alfred Lindstrom, 1080 N. Seminary	J. W. Lindstrom, 382 Monmouth
Linn-McCade Company, The	100,000	100 S. Central st., Chicago	Alfred Lindstrom, 1080 N. Seminary	J. W. Lindstrom, 382 Monmouth
Linn and Scroggs Dry Goods and Carpet Company	200,000	N. Water and State sts., Decatur	Alfred Lindstrom, 1080 N. Seminary	J. W. Lindstrom, 382 Monmouth
Linn Electric Range Co.	2,500	110-120 N. Hazel st., Danville	Alfred Lindstrom, 1080 N. Seminary	J. W. Lindstrom, 382 Monmouth
Linn Dry Goods Store, The	31,500	1700-02 W. 18th st., Chicago	Alfred Lindstrom, 1080 N. Seminary	J. W. Lindstrom, 382 Monmouth
Linn Pig and Lard Company	2,500	25 E. S. Water st., Chicago	Alfred Lindstrom, 1080 N. Seminary	J. W. Lindstrom, 382 Monmouth
Lippman & Kline Clothing Co.	25,000	239 Collinsville av., East St. Louis	Alfred Lindstrom, 1080 N. Seminary	J. W. Lindstrom, 382 Monmouth
Liquid Carbonic Company, The	5,500,000	3100 Keokuk av., Chicago	Alfred Lindstrom, 1080 N. Seminary	J. W. Lindstrom, 382 Monmouth
Liquid Carbonic Company of America, The	10,000	3100 Keokuk av., Chicago	Alfred Lindstrom, 1080 N. Seminary	J. W. Lindstrom, 382 Monmouth
Liquor Feeding Governor Co.	6,000	110 S. Dearborn st., Chicago	Alfred Lindstrom, 1080 N. Seminary	J. W. Lindstrom, 382 Monmouth
Liquorzone Company	200,000	30-32 W. Kinzie st., Chicago	Alfred Lindstrom, 1080 N. Seminary	J. W. Lindstrom, 382 Monmouth
Litchfield Abstract Company	2,000	222 N. State st., Chicago	Alfred Lindstrom, 1080 N. Seminary	J. W. Lindstrom, 382 Monmouth
Litchfield Brewery Company	15,000	210-18 W. Sangre st., Chicago	Alfred Lindstrom, 1080 N. Seminary	J. W. Lindstrom, 382 Monmouth
Litchfield Flour Mills Company	7,500	270 E. Edwards st., Chicago	Alfred Lindstrom, 1080 N. Seminary	J. W. Lindstrom, 382 Monmouth
Litchfield Foundry & Machine Company	70,000	308 S. Jackson st., Chicago	Alfred Lindstrom, 1080 N. Seminary	J. W. Lindstrom, 382 Monmouth
Litchfield Grocer Co.	100,000	104 W. Kyder st., Chicago	Alfred Lindstrom, 1080 N. Seminary	J. W. Lindstrom, 382 Monmouth
Litchfield Lamp Manufacturing Company	80,000	Litchfield	Alfred Lindstrom, 1080 N. Seminary	J. W. Lindstrom, 382 Monmouth
Litchfield Marble and Granite Company	3,000	410 N. Monroe st., Chicago	Alfred Lindstrom, 1080 N. Seminary	J. W. Lindstrom, 382 Monmouth
Litchfield Printing House	5,000	112 E. Kyder st., Chicago	Alfred Lindstrom, 1080 N. Seminary	J. W. Lindstrom, 382 Monmouth
Litchfield Printing & Stationery Company	17,000	108-114 E. Kyder st., Chicago	Alfred Lindstrom, 1080 N. Seminary	J. W. Lindstrom, 382 Monmouth
Litchfield Telephone Company	30,000	105 W. Kyder st., Chicago	Alfred Lindstrom, 1080 N. Seminary	J. W. Lindstrom, 382 Monmouth
Litchfield Telephone Co.	1,000	11 S. State st., Chicago	Alfred Lindstrom, 1080 N. Seminary	J. W. Lindstrom, 382 Monmouth

Directory of
ILLINOIS MANUFACTURERS



Edited by PRUDENCE M. WALKER

Published by
ILLINOIS MANUFACTURERS'
~ ASSOCIATION ~
CHICAGO - ILLINOIS

Lightning Coin Changer Co.
34 W. Lake St.
(Sub. Typewriter Emporium.)
Invested Capital: \$50,000.
Employees: Male, 30.
Coin Changers.

Lilienthal & Berman.
302 S. Market St.
Partner, M. Lilienthal.
Partner, R. Berman.
Invested Capital: \$100,000.
Cloaks & Suits.

Lillienfeld Bros. & Co.
24 W. Jackson Blvd.
Pres., Edward D. Lillienfeld.
Sec., Eugene W. Lillienfeld.
Invested Capital: \$150,000.
Cigars.

Limousine Carriage Mfg. Co.
2515 S. Michigan Ave.
Pres., Daniel W. Volz.
Sec.-Treas., Daniel J. Hammel.
Invested Capital: \$50,000.
Auto Bodies.

Lin

Lincoln Bottling Co.
4343 N. Central Park Ave.
Invested Capital: \$40,000.
Beverages.

Lincoln Brass & Spinning Wks.
3262 W. Grand Ave.
Pres., Fred W. Gehrler.
Sec.-Treas., Herbert W. Bye.
Invested Capital: \$20,000.
Metal Specialties.

Lincoln Hand Laundry.
5435 Broadway.
Owner, J. W. McLaughlin.
Invested Capital: \$86,410.40.
Employees: Male 10; Female 40.
Laundry.

Lincoln Ice Co.
325 N. Elizabeth St.
Pres., John F. Maginnis.
Sec., Thos. B. Maginnis.
Invested Capital: \$500,000.
Ice.

Lincoln Pickling & Preserving Co.
1921 Osgood St.
Pres.-Treas., Geo. A. Mueller.
Invested Capital: \$10,000.
Pickles, Preserves.

Lincoln Printing Co.
732 Sherman St.
Printers.

The Lincoln-Ringley Co.
501 Plymouth Ct.
Printers.

Lincoln Tailoring Co.
911 W. Jackson Blvd.
Pres., I. Greenhouse.
Sec.-Treas., M. Steinmann.
Invested Capital: \$35,000.
Tailors to the Trade.

Henry Lindahl Machine Co.
954 W. Lake St.
Pres.-Treas., Henry Lindahl.
V. P., Fred H. Lindahl.
Sec.-G. M., Harold A. Lindahl.
Invested Capital: \$50,000.
Employees: 15.
Pulleys, Power Trans. Appliances.

Alfred Lindell & Co.
102 N. Fifth Ave.
Printers.

Lindeman Harp Co.
1934 S. Hamlin Ave.
Prop., C. A. Lindeman.
Employees: Male 6.
Harps.

Linden Bros. Inc.
701-3 S. LaSalle St.
Printers & Publishers.

Linden Laundry.
411 N. Laramie St.
Laundry.

H. M. Lindenthal & Sons.
411 S. Market St.
Pres., H. M. Lindenthal.
V. P., Sol Lindenthal.
Sec., Louis Lindenthal.
Treas., Wm. Lindenthal.
Invested Capital: \$200,000.
Employees: Male 400; Female 300.
Young Men's Clothes.

Lindgren Bros.
860 Wells St.
Laundry.

Lindsay Light Co.
161 E. Grand Ave.
Pres., Jos. M. Sherburne.
V. P., Herbert N. McCoy.
Sec.-Treas., Otto N. Berndt.
Invested Capital: \$1,000,000.
Employees: 310.
Gas Mantels, Thorium Nitrate, Chemicals, Dyes.

DIRECTORY OF ILLINOIS MANUFACTURERS

CHAIRS—UPHOLSTERED— Continued

Chicago Upholstered Furniture Co.
(See Display Advertisement), 540 N.
Cicero Ave., Chicago.
DeMoulin Bros. & Co., Greenville.
Enterprise Parlor Furniture Co., 2321
W. Huron St., Chicago.
Fenske Bros., 1666 McHenry St., Chi-
cago.
Hausske & Co., August, 869 Weed St.,
Chicago.
Hoffman Co., 2817 N. Ashland Ave Chi-
cago.
Illinois Parlor Furniture Co., 3699 Lin-
coln Ave., Chicago.
Karpen & Bros., S., 636 W. 22nd St.,
Chicago.
Kroehler Mfg. Co., Naperville.
Mallen & Co., H. Z. (See Display Ad-
vertisement), 346 St. Johns Ct., Chi-
cago.
Nat'l Rocker & Chair Co., 1142 N.
Campbell Ave., Chicago.
Pfund Bros. Mfg. Co., Lincoln.
Pullman Couch Co., 3759 S. Ashland
Ave., Chicago.
Rockford Upholstering Co., Rockford.
Royal Parlor Furniture Co., 1804 N.
Leavitt St., Chicago.
Valentine-Seaver Co., 1721 Sedgwick
Ave., Chicago.
Zangerle & Peterson Co., 2164 Cly-
bourn Ave., Chicago.

CHAMBER SUITES

Balkwill & Patch Furniture Co., 1000
Fullerton Ave., Chicago.
Chicago Reedware Mfg. Co., 780 Mil-
waukee Ave., Chicago.
DeLuxe Furniture Co., 666 N. Green
St., Chicago.
Freese & Sons Co., J. D., 2501 Homer
St., Chicago.
Hanson Co., Louis (See Display Ad-
vertisement), 1500 N. Kostner Ave.,
Chicago.
Hillemann, Geo., Altamont.
Horn Bros. Mfg. Co., 1144 W. Superior
St., Chicago.
Imperial Furniture Co., Rockford.
Johnson & Sons Furniture Co., A. J.,
927 N. Wood St., Chicago.
Jorgenson Furniture Co., 15 S. Racine
Ave., Chicago.
Olbrich & Golbeck Co., 355 N. Ash-
land Ave., Chicago.
Rockford Cabinet Co., Rockford.
Rockford Chair & Furniture Co.,
Rockford.
Windsor Furniture Co., 1420 Carroll
Ave., Chicago.

CHECK PROTECTORS

Checkometer Co., 431 S. Dearborn St.,
Chicago.
Crescent Mfg. Co., 771 Mather St.,
Chicago.
Hedman Mfg. Co., 227 W. Erie St.,
Chicago.

CHEMICAL MACHINERY

Central Scientific Co., 460 E. Ohio St.,
Chicago.
Drying Systems, 11 S. DesPlaines St.,
Chicago.
Gordon Dryer Corp., 208 S. La Salle
St., Chicago.
Lasker Iron Works, 3201 S. Lincoln
St., Chicago.
Sperry & Co., D. R., Batavia.
Swenson Evaporator Co., 53 W. Jack-
son Boul., Chicago.

CHEMICALS—HEAVY

Alba Manufacturing Co., Aurora.
American Maize Products Co., 111 W.
Monroe St., Chicago.
American Tar Products Co., 208 S. La
Salle St., Chicago.
American Wood Preserving Co., 1345
N. Branch St., Chicago.
Armour Ammonia Works, 1355 W. 31st
St., Chicago.
Armour Fertilizer Works, 209 W. Jack-
son Boul., Chicago.
C. C. Chemical Co., 4301 W. Kinzie
St., Chicago.
Carus Chemical Co., Inc., La Salle.
Central Chemical Co., 111 W. Washing-
ton St., Chicago.
Central Commercial Co., 111 N. Mar-
ket St., Chicago.
Central Products Co., Inc., 1358 N.
Wells St., Chicago.
Champion Chemical Works, 19 W. Aus-
tin Ave., Chicago.
Chicago Carbonic Gas Co., 912 W.
Superior St., Chicago.
Chicago Copper & Chemical Co., 111
W. Jackson Boul., Chicago.
Chlorine Products Co., 28 N. Market
St., Chicago.
Coal Products Mfg. Co., Joliet.
Condensed Bluing Co., 66-68 E. So.
Water St., Chicago.
Consolidated Chemical Products Co.,
Alton.
Cudahy Packing Co., 111 W. Monroe
St., Chicago.
Cymol Chemical Co., Mt. Vernon.
Darling & Co., 4201 S. Ashland Ave.,
Chicago.
Dearborn Chemical Co., 332 S. Mich-
igan Ave., Chicago.
Dearborn Supply Co., 5 N. La Salle
St., Chicago.

CHEMICALS—HEAVY—Continued

Electrox Co., Peoria.
 Fansteel Products Co., North Chicago.
 Gardner-Barada Chemical Co., 3123
 Bloomingdale Rd., Chicago.
 Garrigues Co., Chas. F. (See Display
 Advertisement), 10 S. La Salle St.,
 Chicago.
 Garrigues Industrial Products Corp.,
 10 S. La Salle St., Chicago.
 General Chemical Co., 112 W. Adams
 St., Chicago.
 Grasselli Chemical Co., East Chicago.
 Hasburg, Jno. W., 1119 N. La Salle
 St., Chicago.
 Iliff-Bruff Chemical Co., Hoopeston.
 Illinois Steel Co., 208 S. La Salle St.,
 Chicago.
 Indiana Dye & Chemical Co., Ham-
 mond, Ind.
 International Chemical Co., 3140 S.
 Canal St., Chicago.
 Jobbins, Inc., Wm. F., Aurora.
 L'Hommedieu & Sons Co., Chas. F.,
 4521 Ogden Ave., Chicago.
 Lindsay Light Co., 161 E. Grand Ave.,
 Chicago.
 McAdams Co., Charles, 3167 Cottage
 Grove Ave., Chicago.
 McMorran & Co., Edw. E., 126 N. Union
 St., Chicago.
 Mephram & Co., Geo. S., East St. Louis.
 Midland Chemical Co., Argo.
 Monroe Drug Co., Quincy.
 Monsanto Chemical Works, East St.
 Louis.
 Perolin Co. of America, 122 S. Michi-
 gan Ave., Chicago.
 Peroxide Chemical Co., Carbondale.
 Phospho-Albumen Co., 729 E. 39th St.,
 Chicago.
 Redmanol Chemical Product Co., 636
 W. 22nd St., Chicago.
 Rhodes & Co., Jas. H., 153 W. Austin
 Ave., Chicago.
 Schundler, F. E., Joliet.
 St. Louis Coke & Chemical Co., Gran-
 ite City.
 Superior Chemical Co., Joliet.
 Swift & Co., Union Stock Yards, Chi-
 cago.
 Thoene Barth Chemical Co., East St.
 Louis.
 U. S. Industrial Alcohol Co., 38 S.
 Dearborn St., Chicago.
 Valley Chemical & Mfg. Co., 111 N.
 Market St., Chicago.
 Van Schaack Bros. Chemical Co., 3358
 Avondale Co., Chicago.
 Victor Chemical Works, 343 S. Dear-
 born St., Chicago.
 Vitri-fyx Co., 2526 W. Congress St.,
 Chicago.
 Western Cartridge Co., Alton.

CHEMISTS—ANALYTICAL

Indiana Laboratories Co., Hammond,
 Indiana.
 Kawin Co., Charles C., 431 S. Dearborn
 St., Chicago.

CHIMNEY BUILDERS

Heine Chimney Co., The, 123 W. Mad-
 ison St., Chicago.
 Singer Chimney Co., 53 W. Jackson
 Boul., Chicago.

CHINA—VITREOUS SPECIALTIES

Abingdon Sanitary Mfg. Co., Abingdon.

CHINAWARE

Advance Terra Cotta Co., Chicago
 Heights.
 Illinois China Co., Lincoln.
 K. B. H. American China Co., 5210
 Norwood Park Boul., Chicago.

CHURNS

Dobson Mfg. Co., Rockford.
 Kohler Die & Specialty Co., DeKalb.
 McDermaid Co., J., Rockford.
 Novelty Mfg. Co., Abingdon.
 Sturges & Burn Mfg. Co., 508 S. Green
 St., Chicago.

CIGARS

Achenbach-Momper Co., Joliet.
 Alego & Co., W. D., 1635 W. Van Buren
 St., Chicago.
 Alpiner & Son, Kankakee.
 Baders' Smoke House, Quincy.
 Ball Bros., Springfield.
 Barbican Bros., McHenry.
 Barron Bros., 1911 W. Van Buren St.,
 Chicago.
 Baylor, S. C., Galesburg.
 Beam-Dean Company, Canton.
 Becherer, Herman, Kankakee.
 Beck, Charles, Belleville.
 Benner Bros., 653 Willow St., Chicago.
 Benzing, Carl, Blue Island.
 Berndt & Son, Otto, 1904 Burling St.,
 Chicago.
 Biesman & Son, Geo. C., Galena.
 Big Hit Cigar Factory, Danville.
 Bode Bros., Cairo.
 Booster Cigar Co., Indiana Harbor,
 Indiana.
 Brandl, Wm., 2957 Normal Ave., Chi-
 cago.
 Bridgman, H. A., Paris.
 Brockman, Wm. F., Jerseyville.
 Broeker Cigar & Tobacco Co., Cen-
 tralia.
 Bruski, John C., 1054 W. Randolph
 St., Chicago.
 Burgessier Cigar Co., Clayton.
 Calumet Cabinet Cigar Co., 3102 E.
 92nd St., Chicago.